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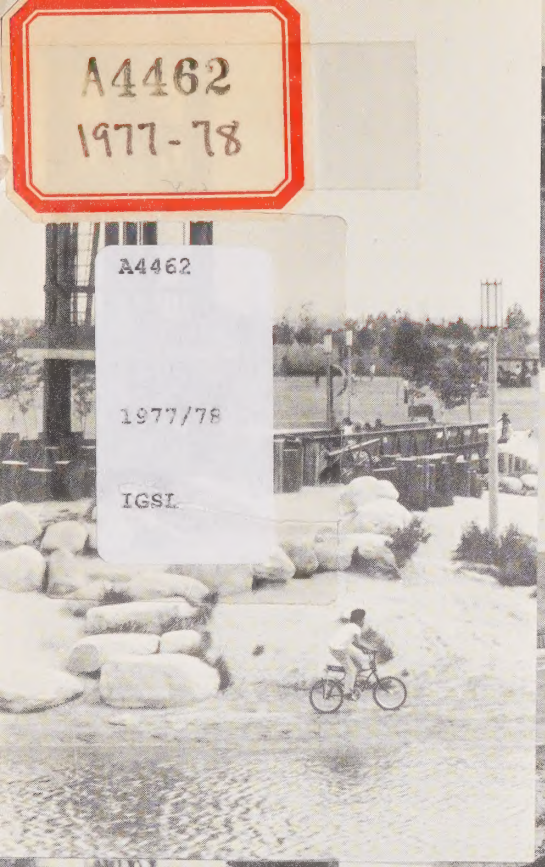

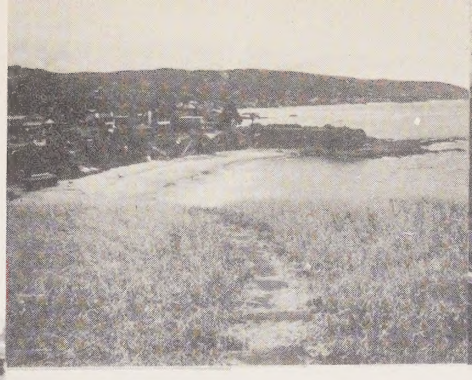

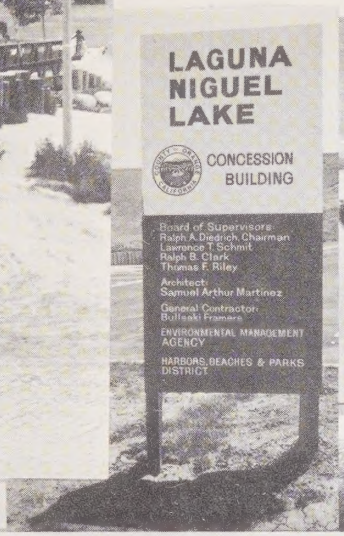

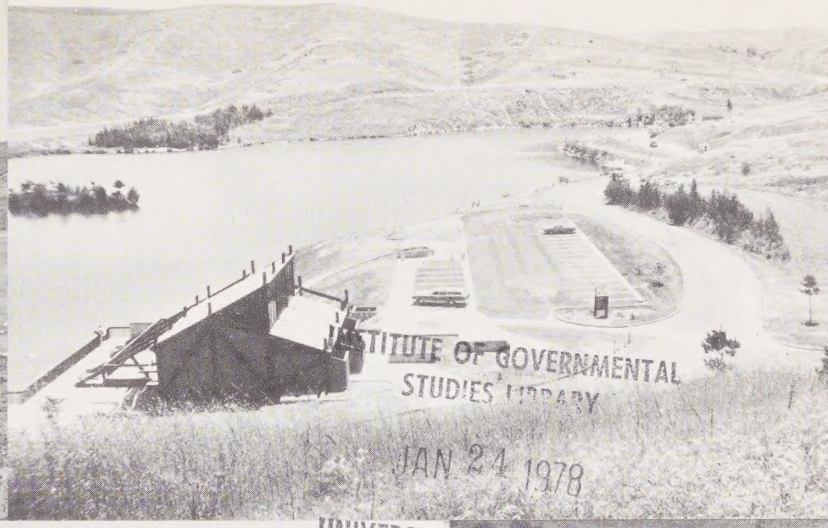

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PROGRAM REPORT

RECREATION / OPEN SPACE / COUNTY SERVICE AREAS

COUNTY OF ORANGE 1977-78

129

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INTRODUCTION

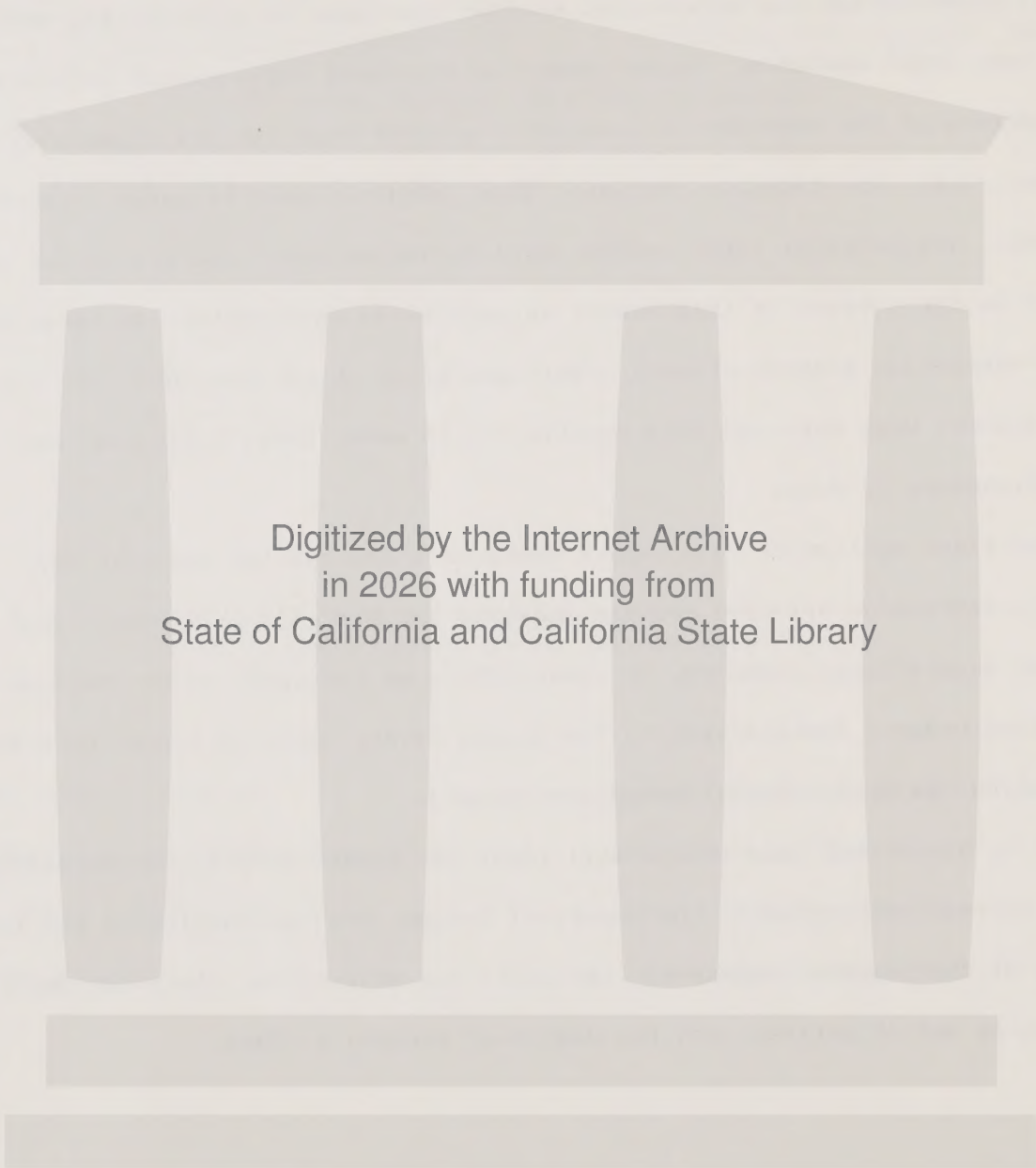
The purpose of this report is to inventory the accomplishments and direction of the County of Orange Recreation Program.

Naturally, with such a program there are a myriad of financing, management, design, construction and operational details that must be attended to, much of which have legal mandates. Quite common in providing recreational facilities, the appetite of the consumer is frequently greater than the willingness of the consumer, i.e., the taxpayer, to pay. Thus, projects must be pared to funds available, supplemental funds sought, hard decisions made, and priorities set.

It is the purpose of this report to provide an introduction to these major county recreation program efforts, their goals and objectives, how they are administered, what services they provide and to whom, their financing, and accomplishments to date.

The final section of this report contains a description and site map of every recreation oriented project budgeted for the 1977-1978 fiscal year for land acquisition, planning, or construction as contained in the various recreation budgets administered by the Orange County Board of Supervisors and assigned to the Environmental Management Agency.

It is hoped that this report will leave the reader with an understanding of the recreation program of the County of Orange, the various levels and intensity of the program components, the goals and objectives, plans for meeting those goals and objectives, and the degree of success to date.



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CHAPTER I

PROGRAM DIRECTION

BOARD OF SUPERVISORS

The recreation program of the County of Orange involves the acquisition of land, development, operation and maintenance of recreation facilities for public use and enjoyment. These facilities in turn lead to operational programs and events.

The policy guidance of this program effort comes from the Orange County Board of Supervisors. The board is a five (5) member elected body, each member serving a four-year term.

The Board of Supervisors meets on Tuesday and Wednesday of each week at 9:30 a.m. in the County Administration Building, Santa Ana, California. These public meetings are where policy is set with regard to the recreation program of the county and public input is always welcome at the meetings.

DIRECTOR, ENVIRONMENTAL MANAGEMENT AGENCY

The Director is appointed by the Board of Supervisors and provides the day to day administrative direction for the county recreation program. The Director's duties are clearly described in the County Codified Ordinances as follows:

Sec. 2-2-31. Powers and Duties of Director.

Subject to policy determination of the board, the Director shall have the power and duty:

(a) To plan, organize, direct and control the work of the (Harbors, Beaches and Parks) District as it pertains to the development, maintenance, control and operation of county harbors, waterways and beaches;

(b) To formulate and direct the implementation of operating policies with the advice of the commission:

(c) To assist the commission in making investigations and preparing its recommendations;

(d) To prepare and administer the district budget;

(e) To hire and evaluate the work of the district personnel;

(f) To plan and evaluate the development and acquisition of District properties and beaches, advising the Board of Supervisors and commission in these matters;

(g) To represent the district before governmental and private agencies affecting the interests of the district and those of the county as to harbors, beaches and parks;

(h) To enforce the laws, ordinances, traffic and safety regulations covering usage of county harbors, waterways and beaches.

The Director, however, has many other duties associated with the large jurisdiction of the Environmental Management Agency which necessitates the delegation of much of the above stated responsibility.

MANAGER, HARBORS, BEACHES AND PARKS DISTRICT

The Codified Ordinances of the county provide for the delegation described above as follows:

Sec. 2-2-30. Manager of the District.

> The Director of the Environmental Management Agency shall appoint a manager.
>
> The Manager, acting under the Director of the Environmental Management Agency, shall have, to the extent delegated by the Director, all powers and duties of the Director, including the power and duty to interpret and enforce all ordinances, resolutions, orders and other regulations affecting the harbors, beaches and parks under the jurisdiction of the district. In exercising said power and performing said duty, the Manager shall be guided by the criteria set forth in Section 2-2-1(b) of this division, as well as by any other standards or criteria established in this division or in any other relevant law or regulation.

The Director has therefore appointed the Assistant Director, EMA Development, as this manager. In turn, a position entitled Manager, Recreation/Open Space/County Service Areas Program, reports to the Assistant Director.

This program manager serves to provide overall direction and coordination to the recreation program effort. This function occurs both within the Environmental Management Agency and in dealing with the public, state, city and federal government, the Board of Supervisors, and special interest recreation groups.

Many of the program manager's duties are described in this report, but one key duty is to serve as the secretary to the Harbors, Beaches and Parks Commission.

HARBORS, BEACHES AND PARKS COMMISSION

Sections 5800 through 5999 of the State of California Harbors and Navigation Code, the code which facilitated the establishment of the Harbors, Beaches and Parks District, provides that the Board of Supervisors "may establish an advisory commission concerning the projects and operation of the District." Specifically, Section 5902 of the Code states as follows:

"The Board of Supervisors may by ordinance provide for the appointment of a harbor commission consisting of seven persons, and shall by ordinance define its powers and duties."

As an implementation action, the Orange County Board of Supervisors adopted Section 2-2-15 of the Orange County Codified Ordinances which reads as follows:

> There is hereby created a Harbors, Beaches and Parks Commission consisting of seven (7) members. Five (5) members shall be appointed by the Board of Supervisors with one member from each supervisorial district. Two (2) members shall be appointed by the Orange County Division of the League of California Cities with one such member to be a resident of the Cities of Seal Beach, Huntington Beach, Newport Beach, Laguna Beach or San Clemente and the other member to be a resident of one of the other cities in the County of Orange. The term of office of each member appointed by the Board of Supervisors shall coincide with the term of office of the Supervisor from the district in which the member resides. The term of office of the members appointed by the Orange County Division of the League of California Cities shall be for a period of four (4) years. A member may be removed during his term of office by a majority vote of the appointing authority. (Code 1961, § 22.021)

Then, Section 2-2-19 of the Codified Ordinances spells out the specific powers and duties of the commission as follows:

> Except as otherwise provided, the Harbors, Beaches and Parks Commission shall be advisory to the Board of Supervisors and to the Director of the Environmental Management Agency, and shall have the power and duty:
>
> (a) To recommend to the Board of Supervisors plans and policies for the acquisition, development, maintenance and operation of the harbors, beaches and regional parks of the County;
>
> (b) On request of the Board of Supervisors, to advise the board and make recommendations on any matter pertaining to harbors, beaches and regional parks, and any other matters referred by the board concerning open space, trails, community and neighborhood parks and recreational activities;
>
> (c) On request of the Director, to advise him on any question of administrative policy and regarding any matter to be decided by the Director under this division;
>
> (d) On appeal from an administrative decision by the Director, to act as a board of administrative review where so provided in this division;
>
> (e) To make such investigations as it may deem necessary in the exercise of the powers in this section enumerated. (Code 1961, § 22.025; Ord. No. 2811, § 1,2-11-75)

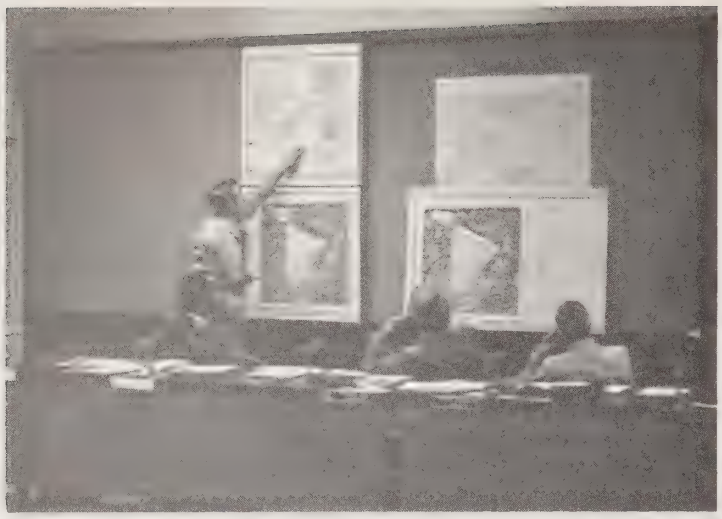
Resolution No. 72-741 of the Orange County Board of Supervisors expands upon the above ordinance section by stating the following:

> The Harbors, Beaches and Parks Commission is directed to report to this board, at such time as the commission deems appropriate, on the necessity, advantages and benefits to be derived by the acquisition, improvement, or maintenance of the following areas:
>
> 1. any park proposed in the Master Plan of Regional Parks;
>
> 2. local parks in unincorporated County areas;
>
> 3. Yorba Cemetery;
>
> 4. County roadside rests;
>
> 5. County riding, bicycle and hiking trails; and
>
> 6. Community Parks in incorporated areas in cooperation with the cities of Orange County.

As can be seen from the above statement of duties and responsibilities of the commission, as well as the programs and projects described in this report, there is a good deal of decision making to be made in which the commission is involved in analysis and rendering recommendations to the Board of Supervisors and the Director, Environmental Management Agency.

The commission meets regularly once a month, on the evening of the fourth Wednesday, at 7:00 p.m. in the hearing room of the Orange County Planning Commission, County Engineering Building, 400 W. Civic Center Drive, Santa Ana, California. All meetings are public meetings and afford a good opportunity for public input and involvement in the planning and decision making process directing the county's recreational facilities program.

The Manager, Recreation/Open Space/Service Areas Program is the Secretary to the commission and is responsible for the preparation of commission agenda, forwarding commission recommendations to the Orange County Board of Supervisors or the Director, EMA, preparing the commission's annual report as mandated by County Administrative Procedure No. 0112,-13R, and maintaining minutes and records of commission proceedings.



Bob Pederson, of the architectural firm of V.T.N., Inc, presenting a schematic plan proposal for Phase IV development of Mile Square Regional Park to the Harbors, Beaches and Parks Commission.

NEWPORT HARBOR JOINT HARBOR COMMITTEE

Section 2-2-32 of the Codified Ordinances facilitates the establishment of a Joint Harbor Committee. That section reads as follows:

> A joint harbor committee may be formed in each harbor in the District. Such committee shall consist of two (2) members of the commission and (2) councilmen of each city having jurisdiction within said harbor. The committees may meet monthly to consider harbor problems common to the cities and the district and may make recommendations to the respective city councils and to the commission relative to these problems.

Newport Harbor, the original project of the early Orange County Harbor District, is now entirely within the city limits of Newport Beach. Yet, being a project of a county agency, (the Harbor District in 1972 became the Orange County Harbors, Beaches and Parks District) there is a county interest in the harbor as well.

To facilitate a coordinated management and regulation of the harbor and to avoid the potential of jurisdictional conflict, the Newport Harbor Joint Harbor Committee has been established. It is comprised of two Newport Beach city councilmen and two members of the Orange County Harbor, Beaches and Parks Com-

mission. It's an advisory body, formulating recommendations on items of multi-jurisdictional interest to the city council and the county's Harbors, Beaches and Parks Commission.

The committee meets monthly on the fourth Wednesday of the month at 4:00 in the afternoon in the County Engineering-Finance Building, Planning Commission Hearing Room, 400 West Civic Center Drive, Santa Ana.

The County of Orange Manager of Recreation/Open Space/County Service Areas Programs is secretary to the committee. This responsibility includes preparation of committee agendas, transmitting committee recommendations, and preparation, distribution and retention of committee minutes.

The members of the committee for 1977 are as follows:

Paul Ryckoff, Chairman (City Councilman)

Ray Williams, Vice-Chairman (City Councilman)

Thomas J. O'Keefe (County Commissioner)

Frank Robinson (County Commissioner)

CHAPTER II

PROGRAM MASTER PLANS

On any long-term improvement program, such as the development of recreation facilities, it is highly desirable to have a master plan which identifies facilities and land to be acquired and developed and sets priorities over a period of time. This plan, once adopted by the governing body of the agency, in this case the Orange County Board of Supervisors, then becomes the policy document of the county and the Environmental Management Agency which is charged with its pursuit and implementation. Following are the master plans which exist or are proposed to be developed to guide the county's recreational facility program.

I. Recreation Element of County General Plan

The Government Code of the State of California, Section 65300, directs each planning agency to prepare a comprehensive, long-range general plan. The state mandates that the plan include elements concerning land use, circulation, housing, conservation, open space, seismic safety, noise and scenic highways. In addition, the planning agency may develop "permitted" elements relating to other important community concerns. Orange County has developed one of these permitted elements in the field of recreation, and is considering the desirability of a Historic Element as well.

The Recreation Element of the Orange County General Plan currently consists of four plans concerning regional parks, county-wide bikeways, riding and hiking trails and local parks.

A. Master Plan of Regional Parks

The rapid population growth experienced by Orange County after World War II saw by the late 1950's a great amount of the county's agricultural land being converted to residential,

commercial and industrial development. This growth and transition to an urban community prompted concern among city councils, the Orange County Grand Jury and the Board of Supervisors that unless some vigorous action was taken to set aside recreation land for the current and future urban population of the county, recreational demand resulting from sheer numbers of residents would far outstrip the recreational opportunities available. As a result, in 1960 the Board of Supervisors formed a committee to prepare a master plan of regional parks for the county and charged the committee with developing a plan to meet the recreational needs of the county's current and projected future population.

In 1963, such a plan was adopted by the Board of Supervisors. The first edition of the Master Plan of Regional Parks was a twenty-year plan for the acquisition and development of regional park sites aimed at providing 6 acres of regional park lands for every 1,000 residents in Orange County. At the time of its adoption, the county population was rapidly approaching the one million mark, and yet the existing county regional park lands totaled only about 600 acres, or about 6/10 of an acre per 1,000 residents. Clearly, the master plan showed that the county had a tremendous catch-up job to do as well as to keep up with an anticipated population growth expected to reach almost 2.5 million by 1985.

Since that time, the Master Plan of Regional Parks has been amended to reflect progress, changes in population trends,

and to take advantage of land acquisition opportunities that have arisen. The most recent major amendment of the Master Plan of Regional Parks was in May of 1977, resulting in an interim document currently utilized by the Orange County Environmental Management Agency as the basis for those regional acquisition and development projects appearing in the 1977-78 work program. A revision to the master plan is underway as fiscal year 1977-78 begins and is scheduled for completion in 1978.

Much progress has been made in implementing the Master Plan of Regional Parks, with the county's regional park facilities now totaling 11 and containing over 8,000 acres. However, population growth goes on, urbanization is continuing, and the current master plan as an implementation document through the year 1990 reflects a vigorous yet reasonable commitment to meet the recreational needs of Orange County's current and future residents.

Yet, the current master plan is somewhat out of date. To provide new direction, the Board of Supervisors early in 1977 authorized the preparation of a new master plan of regional parks. This effort, which will start with a recreational needs analysis to be coordinated with similar state and federal studies to determine what recreational facilities and services are really needed by the citizens of Orange County, should be completed in 1978. The objective is a new master plan, complete with a financial implementation component, that will be directed at meeting the greatest recreational needs, thus maximizing the use of the taxpayer funds used to finance the program.

B. Master Plan of Countywide Bikeways

By Minute Order of March 16, 1971, the Board of Supervisors directed that a report to the board be made on bicycle trails across the County of Orange, including alternate modes of implementation and a study of bicycle ways in the urban areas of the county. As a result of that minute order, "A Feasibility Study of a Countywide Bicycle System in Orange County" was prepared and contained the "Skeletal Bicycle Plan," the county's first master plan of bicycle trails as adopted by Resolution No. 71-1088 of the Board of Supervisors on September 29, 1971. The master plan contains recreation and transportation oriented bikeway routes of countywide significance in incorporated cities and unincorporated county areas as well.

Since its inception, the "Skeletal Bicycle Plan" has been renamed the "Master Plan of Countywide Bikeways" and amended five times, with Amendment No. 5 adopted on December 11, 1974. Amendments to the master plan were necessary to add routes of countywide significance, delete routes no longer determined to be feasible or desired by local jurisdictions, or to refine the policies of the bikeway master plan. Amendment No. Three also designated the bikeway master plan part of the Recreation Element of the Orange County General Plan.

1. Countywide Cooperative Bikeway Financing Program

Implementation of routes on the master plan of bike-

ways within incorporated cities was made on the basis of a matching grant to cities through the Countywide Cooperative Bikeway Financing Program (CCBFP). However, the CCBFP was based upon the initiative of individual cities and, due to widely varying levels of commitment, produced a fragmented system of trails of limited utility.

2. Arterial Bikeway System

The Arteral Bikeway System (ABS) was established by Board of Supervisors Resolution No 74-744. It is an alternative bikeway financing program that was developed to replace the CCBFP. It provides for the development, at 100 percent county expense, of selected routes on the Master Plan of Countywide Bikeways. Sometimes called the "backbone bike system," the ABS depicts a series of looped trail linkages or corridors throughout the county. As envisioned, this bikeway network would serve as the skeleton of a basic system to which other agencies--cities and county service areas--can develop local or feeder bicycle trail systems.

C. Master Plan of Riding and Hiking Trails

The Master Plan of Riding and Hiking Trails for Orange County, as adopted by the Board of Supervisors in January, 1965, depicts a network of trails of regional importance that may be enjoyed by the equestrian and hiker alike. This master plan, too, is a component of the Recreation Element of the Orange County

General Plan. Although a total of 224.9 miles of trails are proposed for implementation, only 31 miles of riding and hiking trails are officially usable to date. Most of these are on Orange County Flood Control District levees. Because of the county's limited funds, those recreational funds available have been utilized principally for regional park acquisition and development rather than for riding and hiking trails.

The riding and hiking master plan is somewhat out of date because of changes in land uses within the County of Orange since its adoption. Nevertheless, it provides guidance for securing trail right-of-way as urbanization occurs.

D. Master Plan of Local Parks

The Master Plan of Local Parks is another component of the Recreation Element of the Orange County General Plan. The plan deals with only those local parks which are to be located in the unincorporated portion of the county. It was first adopted in 1971, along with a Local Park Code which requires builders of new homes to dedicate land or pay fees for the provision of local park facilities. Working together, the master plan and the code provide for the dedication of park sites as land is developed.

The 1971 master plan was replaced by a new plan in 1976. This plan contains updated policies and guidelines for continuing acquisition and development of local parks. The master plan establishes a standard of 4 acres of local park land for every 1,000 persons in the unincorporated area. It is assumed that

school sites are providing 1.5 acres of this standard. The remaining 2.5 acres are to be provided by residential developers.

This document provides policy for guiding the acquisition, development and operation of the unincorporated area local park program and, when coupled with the Local Park Code, is responsible for the aggressive Orange County local park program.

In addition to these four plans comprising the recreation element of the general plan, interest is building in preparing an additional fifth master plan dealing with historic preservation.

II. Historical Element of the General Plan

The same urbanization described in the master plan of regional parks section above is impacting historical structures and sites in Orange County. Through the process of development and redevelopment, as well as general decay and neglect, significant historical sites and structures have been lost. Sometimes they have been lost with knowledge in that the historical significance of such a site or structure was known but a decision was made to replace it with modern development; but in other cases such sites or structures have been lost simply because they were not identified as historically significant until after they had been lost.

The Orange County Board of Supervisors recognizes that major historical sites and structures of regional significance should be preserved as part of the county's recreational facilities program. Such action is directed at not only preserving such facilities, but providing the recreating public with an understanding of the county's history and heritage as part of a general recreational experience through interpretation.

To carry out this task, the Board of Supervisors has appointed a 15-member Orange County Historical Commission, assigned to the County General Services Agency. The commission has identified certain sites and structures worthy of preservation and restoration in the county, and some progress has been made towards their preservation. Indeed, the Board of Supervisors has authorized the Environmental Management Agency to acquire and preserve such historical sites and structures as the Serrano Adobe in El Toro, the Montanez Adobe in San Juan Capistrano, the Peralta Adobe in Santa Ana Canyon, and George Key Ranch in Placentia.

The general public interest in the preservation of historical sites, matched by a commitment of the Board of Supervisors, has then led to some progress. However, this effort has illustrated the need for an overall guiding policy concerning historical site preservation.

As a result, a cultural and scientific resource policy task force was formed in 1976 and submitted its report to the Board of Supervisors in May of 1977. The board responded by adopting far reaching policies and goals concerning the preservation or recovery of archaeological and paleontological resources. These policies and goals appear in Board of Supervisors Resolution No. 79-866 of May 24, 1977.

This same resoltuion also instructed the Environmental Management Agency and Historical Commission to jointly report on (1) the feasibility of undertaking a historical element of the general plan, (2) the scope of such a plan, (3) the recommended means for accomplishing the preparation if undertaken and (4) the probable time and cost for the preparation if undertaken. As the 1977-1978 fiscal year begins, EMA staff and the Historical Commission are working on such a joint report.

III. Open Space Element

State law requires that a general plan contain an Open Space Element. The Orange County Board of Supervisors adopted the current element on June 27, 1973.

State law also provides a broad and complex definition of open space lands. Suffice it to say that many types of land and water areas are considered to be "open space," including lands valuable for outdoor recreation, natural resource preservation, agriculture and protection of public health and safety.

With this definition, then, the open space element is implemented and open space is preserved whenever a public agency acquires outdoor recreation areas, such as local and regional parks, beaches and greenbelt trail corridors. However, there are other methods of preserving open space, such as regulating of patterns and density of new development proposals.

It is principally through this latter method that the county has been successful to date in preserving natural open space areas. Through the conditions placed upon development proposals by the Subdivision Committee and Planning Commission, open space dedications (in fee and easement) are obtained and adjustments are made to allowable uses, densities and enviromental impacts. The Recreation/Open Space/Service Areas Program Manager, as a voting member of the Subdivision Committee (described elsewhere in this report), is very involved in the process of conserving valuable open space and avoiding county acceptance of responsibility for undeveloped land which would simply be a liability.

Santa Ana River/Santiago Creek Greenbelt Plan

This document was prepared as Orange County's portion of a 3 county study of the Santa Ana River. Work on it started in 1971, and in Resolution No. 71-724 of June 23, 1971, the Board of Supervisors approved the plan. It proposed the establishment of a recreation/greenbelt corridor the length of the Santa Ana River and the reach of Santiago Creek from the river eastward to Irvine Park.

The plan envisioned an independent greenbelt agency, representative of the county and all cities with jurisdiction along the river and creek, developing a coordinated effort to create a recreational and environmental corridor along these two major water courses. The Board of Supervisors in 1971 took steps to create and fill the position of Greenbelt Coordinator and directed that a coordinating committee be established. A joint powers agreement structure evolved.

Eventually, the county and most cities along the corridor would commit to financially support the Greenbelt Commission by executing the joint powers agreement. The commission hired additional staff consisting of clerical support, and set about coordinating, urging and even prodding the cities and county to implement projects which would further the greenbelt cause. This effort was fortified when on June 27, 1973, in Resolution No. 74-1151, the Board of Supervisors adopted the Greenbelt Plan as a component of the Open Space Element of the Orange County General Plan.

In 1976 the Commission set about the publication of an implementation plan. A document was published early in 1977, and suggested that the Greenbelt Commission should be perpetuated with enhanced authority to implement the plan. However, analysis of the plan showed that it was simply a compilation of the project plans of each city with corridor jurisdiction and the county.

The result was that the Greenbelt Commission's "Santa Ana River/Santiago Creek Greenbelt Implementation Plan" signaled to many local agencies that the commission's mission had been fulfilled. Support for continuation of the commission was lacking, and the commission ceased to function.

The Board of Supervisors, however, feeling that some coordination among local agencies was desirable to continue efforts to implement the greenbelt concept, on May 24, 1977, in Resolution No. 77-851, directed as follows:

1. Director, EMA shall establish and maintain liaison and coordination with public agencies having jurisdiction and/or interests in implementation of the Santa Ana River/Santiago Creek Greenbelt Plan.

2. Director, EMA shall each year, in cooperation with other interested public agencies, devise a coordinated plan of work for the next ensuing fiscal year, utilizing the Greenbelt Commission's implementation plan as a guide.

3. Director, EMA shall present the work plan to the Orange County Planning Commission prior to the end of each calendar year. Upon approval of the plan by the Planning Commission, EMA portions shall be funded in the EMA budget request for the ensuing fiscal year and the other agencies shall be encourages to include their portions in their own budget requests.

4. The plan shall be adjusted as required by the budgets as actually adopted, and upon approval of the adjusted work plan by the Planning Commission, the EMA shall be responsible for implementation of those units funded in the county budget and shall assist in implementing units funded in budgets other than the county.

5. Development plans for each unit of work funded by the County budget shall be reviewed by the Planning Commission for conformity with existing plans and policies prior to the beginning of implementation. Public agencies, other than the County undertaking units of work, shall be encouraged to present same to the County Planning Commission for determination of conformity with existing plans and policies prior to proceeding.

While the staffing necessary to carry out this mission is limited, the tasks of this board directive have been, at least for the 1977-1978 fiscal year, assigned to the Recreation/Open Space/County Service Area Program Division.

IV. Trails for the Orange Park Acres, Cowan Heights, El Modena Area.

Another master plan, technically not part of the County General Plan, has been developed to provide policy guidance for the development of a local equestrian and bicycle trail system in an unincorporated area of the county.

This master plan identifies a riding, hiking and bicycle trail system of local and regional significance in the Orange Park Acres, Cowan Heights, El Modena area. Also included in the plan are standards for trail development and an itemization of the implementation requirements of each trail.

The Board of Supervisors adopted this plan on December 17, 1974, in Resolution No. 74-1814. This resolution directed that the approval of subdivisions be conditioned to require dedication of trail right-

of-way. This is made possible through the subdivision process. Local trail development is financed in the unincorporated area with County Service Area No. 5 funds.

However, as the fiscal 1977-1978 year begins, portions of the plan area have been annexed by the City of Orange, with more annexations probable. As the annexations occur, the area is removed from the boundaries of County Service Area No. 5, and thus the local financing source is lost. The City of Orange is assessing alternative funding sources for those areas.

CHAPTER III

LOCAL PARK PROGRAM

The Orange County Board of Supervisors is the only local government body for in excess of 200,000 people living in the unincorporated area of Orange County. Those residents who do not live within a city must look to the county Board of Supervisors to provide many services, including recreation, that would typically be provided by a city.

COUNTY SERVICE AREAS

A county service area is a government entity, with its own geographical boundaries, administered by the Orange County Board of Supervisors. A service area is formed to provide a higher level of service within a given geographical area than the county would normally provide. These services frequently include street sweeping, street lighting, park and recreation services.

There are 13 county service areas presently in Orange County. A summary of these service areas and the functions which they are authorized to provide are as follows:

Service Area No. and Name	Purpose
3 - Laguna Niguel	Streets and Roads, Recreation and Parks
4 - Leisure World	Streets and Roads, Recreation and Parks
4, Zone A	Streets and Roads, Recreation and Parks
5 - North Tustin	Recreation and Parks
6 - El Toro/Lake Forest	Streets and Roads, Recreation and Parks
8 - South Laguna Hills	Streets and Roads, Recreation and Parks
9 - Mission Viejo	Streets and Roads, Recreation and Parks
12 - Aegean Hills	Streets and Roads, Recreation and Parks
13 - La Mirada	Street Sweeping
19 - Capistrano	Recreation and Parks

20 - La Habra	Sewer Maintenance
21 - Rossmoor	Streets and Roads, Recreation and Parks
22 - East Yorba Linda	Streets and Roads, Recreation and Parks

The Orange County Master Plan of Local Parks describes a local park as follows:

LOCAL PARK: A generic term which describes all sub-regional public parks in unincorporated area and not financed principally by the Harbors, Beaches and Parks District.

There are various kinds of local parks. The Master Plan provides the following definition of the types and different kinds of local parks.

COMMUNITY PARK: Typically a 20 to 50 acre local park designed to meet the recreational needs of five neighborhoods. Ideally, the site should adjoin junior and senior high schools and encompass the activities formerly included in the "playfield". These parks are intended to serve drive-to clientele from up to a three-mile radius. They contain facilities which require more space than neighborhood parks, such as a tennis complex, swimming pool, community center and adequate off-street parking.

NEIGHBORHOOD PARK: Any general use local park developed to serve the recreational needs of a particular neighborhood within a community. The size of the park depends on the population within its service area and the extent of desired amenities, but usually ranges from 2 to 20 acres. Typically, neighborhood parks have a maximum service radius of one-half mile and are within walking distance of park patrons. They may feature such amenities as a children's play area, restrooms, storage and recreation office buildings, open turf areas and lighting for night use.

PLAY LOT: A small area local park of 2,500 square feet to one acre intended for children up to seven years of age. Play lots are essentially a substitute for a backyard and are normally provided only in higher density areas. They are expensive to maintain and difficult to administer, but serve an important function, especially in highly urbanized areas. They usually feature play apparatus, a paved area for wheeled toys, benches, sand areas, a small wading or spray pool and landscape treatment.

MINI OR VESTPOCKET PARK: A one-to two-acre local park area in which vacant lots have been combined and converted to recreation use. In some instances, such parks may become permanent features of the neighborhood. Size and location are usually determined by the availability of vacant land. These parks may serve any age group, depending on the characteristics of the neighborhood. They may feature children's play areas, quiet game areas, landscaping and some sports activities such as multipurpose courts, if space allows.

A "professional" baseball catch in Linda Vista Neighborhood Park, Mission Viejo

The funding of a local park program is well suited to the county service area concept. That concept being that the local community that receives the benefit from a government service should be a community that pays for the service itself. It is not surprising, therefore, to find that the principal mechanism for funding the Orange County local parks program is the county service area.

SERVICE AREA MANAGMENT

Primary budgetary responsibility for the Orange County service areas is assigned to the County Administrative Officer. But, because the management of the local park program is assigned to the Director, Environmental Management Agency, and the local park program is perhaps the principal program funded by service areas, the County Administrative Office and Environmental Management Agency are jointly involved in the management of service area matters.

One of the principal objectives in the management of service areas is dealing with the service area populace. The service area governing mechanism is similar in degree of contact with the taxpayer to that of the city. Contact with homeowners living and working in the service area boundaries is frequent and liaison with homeowner associations, municipal advisory councils, coordinating councils and the like, must be continuous and close. These councils and associations are the best avenue for the county staff to obtain a community voice or community consensus on many day-to-day operational matters involving county service areas, as well as on parksite acquisition and design issues.

It is not unusual, therefore, to find such councils and homeowners associations intimately involved in the planning and operation of local park recreation facilities and programs. From the concept of a park being located in a given site, the community is involved in describing what facilities and services it would like to see in the park and works closely with the EMA staff, particularly the design staff, in the preparation of plans for each given park site. All Environmental Management Agency costs incurred, whether design staff time, construction inspection, administration or operations inspection, are charged to the appropriate service area. Thus, only the taxpayers being served pay for the service.

PARK DEVELOPMENT DIRECTION

The community involvement in the local park planning process is one that is resulting in the direction of local parks being toward one of high activity facilities. High activity parks are those that provide for active athletic activities be they tennis, handball, baseball, soccer, football, or some other sport. These high activity features are being developed in response to community input. Young family oriented communities have many active recreation programs underway.

The development of active recreation facilities is placing the county in a new position, that of operating active recreation facilities. Operation of such facilities is much more than just maintenance, as has been the county's customary role in landscaped park facilities. Operation of active facilities means programming, scheduling of group requests, resolving requests and schedule conflicts, collecting and administering fees, issuing permits for group use and the like. Such responsibilities must be met to assure the efficient operation of active local parks. Naturally, the meeting of such responsibilities has staffing implications, meaning that recreation-oriented employees must be retained for the efficient management of active local park facilities.

LAND ACQUISITION

Acquisition of land for local park projects occurs in one of two ways:

1. Dedication Under the Local Park Ordinance.

In 1970 the State of California passed enabling legislation which allows local governments to require developers of residential property to provide land for park purposes in order that future residents of that housing will have adequate recreation facilities.

The County of Orange adopted a local park ordinance for the unincorporated area in 1971. The ordinance is based upon the county's standard of local park need, 4 acres per 1,000 (population) and the assumption that local school district facilities will satisfy 1.5 acres of that need. Thus, the county's ordinance requires subdividers to dedicate land, or pay fees in lieu of land dedication, at the rate of 2.5 acres per 1,000 persons anticipated to occupy the dwelling unit to be constructed in the subdivision. The actual determination of land dedication requirements is made using a formula which assumes an occupancy per dwelling

unit factor for various land-use densities. In-lieu fee requirements are calculated by determining the cash value of the acreage requirement (using the County Assessor's latest market value determination).

These fees, so much per dwelling unit, are placed in a local park trust fund and are administered by the Director of EMA. The money is accounted for by census tract and expended on projects only in the immediate vicinity of that census tract. Therefore, even the collection of local park fees recognizes an obligation to benefit the residents residing in the area from which the fees were collected.

Subdivision Committee: The Subdivision Committee is established by the Interim Subdivision Code of the County of Orange. It's duties and responsibilities are described in that code.

The committee is charged with the review of all proposed subdivisions of land in the unincorporated area. This includes parcel maps, tentative tract maps and final subdivision maps.

The Subdivision Committee is presently composed of seven people. The Assistant Director of the Enivronmental Management Agency, Regulation Function, sits as chairman of the committee. The rest of the membership is comprised of the Assistant Director, Environmental Management Agency, Development Function; the Assistant Director, Environmental Management Agency, Advanced Planning Function; the Manager, Environmental Services Division, EMA Advanced Planning; Manager, EMA Recreation/Open Space/County Service Areas Program; a representative of the Orange County Fire Department, and a representative of the Orange County Health Department.

The Subdivision Committee, in its advisory capacity to the Orange County Planning Commission, reviews subdivisions of land and proposed developments in relation to the acceptability of the proposed development under the County of Orange General Plan, zoning and ordinance regulations and the California Constitution. The Subdivision Committee reviews all unincorporated area development.

One of the factors considered in such a review is the applicability of the proposed development to the Orange County Local Park Ordinance. If a specific site is proposed for dedication as a park site, the committee reviews its acceptability in relation to site criteria and the service radius of the proposed park site in relation to the development it is to serve. The committee also reviews development in relation to planned trail systems which are part of the County General Plan, and may require provision of trail right-of-way as well as park sites.

The Subdivision Committee then is critically important in the process of obtaining local park sites for the unincorporated area of Orange County. It is the initial enforcement level of the Local Park Ordinance of the county and, with ratification of the Planning Commission, is principally responsible for the vast majority of the approximately 65 county local park sites existing at this time.

2. Fee Acquisition.

In the unincorporated areas that urbanized prior to the 1970 state enabling legislation allowing local government to require the dedication of local park lands, acquisition of park sites must be accomplished by means of purchase.

This can be an extremely difficult, if not impossible, objective in highly urbanized areas due to an inability to find land of adequate size (two-acre minimum) and acceptably situated for local park purposes. If such land is available, its existence in such an urbanized area will mean that it will be a very expensive piece of property.

Thus, the implementation of the local park program in urbanized areas on a catch-up basis is a very expensive undertaking, an effort that is beyond the reach of some unincorporated urbanized areas although significant progress has been made in several such areas. The local park trust fund, the fees collected from developers as described in No. 1 above, is one source of funds for purchase of such sites. The County Service Area tax rate is the other principle source.

DESIGN

Development of local park sites is done by working very closely with the community in determining recreation needs and desires and prioritizing them in relation to the service area development funds available.

EMA Park Design staff works very closely with the homeowners associations and councils in the unincorporated area to be served by the park in order to make certain that the park site, when developed, will serve the neighborhood or community. This process really begins with the preparation of the annual service area park development budget by the program manager.

Once the project is budgeted, the general process is for the Board of Supervisors, based upon recommendation of the Environmental Management Agency, to select a private park architectural/engineering firm to undertake the site planning and design task. EMA Park Design staff then works closely with the firm

and the program office to schedule public community meetings to identify the recreational needs of those residing within the service radius of the site.

Sometimes this process involves the local homeowners associations distributing surveys via association newsletters to get maximum input. Such surveys, coupled with recommendations of association board of directors or the municipal advisory council, guide the planning and design process.

Plans are taken to the community at various stages for such review. Often the biggest task is to reduce the magnitude of the project to be accomplished to the level of county service area funds available.

In addition to service area funds, efforts are made to secure outside sources of funds for local park projects from state and federal grant programs. Sometimes, local park fees have been collected from within the geographical area of the proposed project and are available to be used for development of a park project (see pages 31 and 32).

When an acceptable project design within financial constraints is completed and funds are in the appropriate service area budget, the project is forwarded to the Board of Supervisors with a request to advertise for construction bids. Upon receipt of bids within the project budget, a contract is awarded by the Board of Supervisors and construction begins shortly thereafter.

CONSTRUCTION

The Environmental Management Agency Construction Division is responsible for the construction contract administration and plan and specification compliance inspection for all county road, flood control, park and trail projects. The local park projects are an important part of this responsibility.

The construction inspection task for a park project requires knowledge in almost every construction process. Some of these areas are grading, plumbing,

landscaping, structural inspection, electrical, and of major importance when dealing with an aesthetic project like a park, an eye to the architectural and user saftey impact of all construction decisions.

Local park construction usually requires from six to twelve months from start to completion. Gradually, a park site is transformed from an under-utilized piece of land into a facility ready to accommodate local recreational demands. The last step is usually the planting of trees, shrubs and turf. Then, the park turns green, the construction is completed, and public use begins.

Board of Supervisors Chairman Thomas Riley speaking at the May, 1977 groundbreaking of Crown Valley Community Park, County Service Area No. 3.

OPERATIONS

Maintenance: The basic maintenance of local parks is accomplished by contract to private landscape and electrical lighting maintenance firms. These contracts are let to public bidding approximately every three years.

The Environmental Management Agency Operations Division is responsible for preparing maintenance specifications and contracts and administering those contracts. This latter task includes liaison with homeowners in responding to public requests and complaints, inspecting contractor performance and compliance with contract specifications, and authorizing special work such as repair of vandalism, emergency repairs and pest control.

EMA Landscape Maintenance Inspector, Don Wilkinson, discussing maintenance of an undeveloped park site with maintenance contractor.

The appropriate county service area funds the cost of park maintenance, including maintenance inspector and contract administration charges of the EMA.

Maintenance of local parks, due to their originally passive nature, has to date been accomplished by contracting with private enterprise. This practice is expected to continue, but will have

to be watched closely for effectiveness in the area of user-caused maintenance (trash, restroom cleaning, etc.) as the typically passive local parks developed prior to 1977 are supplanted by the high activity-people intensive facilities being developed (Crown Valley Community, Alicia, El Toro Community) in response to community wishes.

Recreation Services: As discussed in the preceding section entitled, "Park Development Direction," (pages 30 and 31), the recent trend of local park development has been to high activity field sport oriented facilities. This leads to a need to schedule the use of those facilities in order to (1) avoid user conflicts and (2) maximize use of the scarce recreational resource for which demand exceeds supply.

Thus, many of the local park projects generate a demand for such a recreational programming service. This was recognized with the late 1976 authorization of the Board of Supervisors to hire the first service area park employee, a manager for the Crown Valley Community Park in County Service Area No. 3. One of the tasks now underway by that manager is the preparation of an operating budget and program for that park so that when construction is completed in early 1978 the park will be fully operational. This is expected to result in a request to hire additional recreational staff about January, 1978.

Other active parks are under development in County Service Area No. 9 (Mission Viejo), County Service Area No. 6 (El Toro), and County Service Area No. 21 (Rossmoor). To provide the programming of these facilities, funds to hire two part-time employees have been included

in the appropriate service area budgets. Analysis of programming and operational alternatives for the nine-acre Rossmoor Park, which should become operational early in 1978, is now underway and may result in a mid-fiscal year staffing requirement.

Another aspect of the county service area recreation function is the provision of organized recreation programs within the parks and local schools. County Service Area No.'s 4, 6,8,9, and 12 funds are contributed annually to the Saddleback Unified School District for the operation of public recreation programs within schools and in some local parks. For the 1977-78 fiscal year this contribution will total approximately $90,000.

The school district also provides funds and staffing to operate the recreation programs. Environmental Management Agency recreation staff interfaces with the school district and a committee of community representatives in the development and operation of the specific recreation programs.

This recreation program has been managed by the county to date as a contract administration function. An effort will be made in the 1977-1978 fiscal year by EMA to share in development and evaluation of this recreation program to assure maximization of the effective use of these funds.

To summarize, in response to community input high activity local park facilities are now being developed. The community center and swimming pool at Crown Valley Community Park, ball diamonds at Alicia, Rossmoor and El Toro community parks, and tennis courts at several parks, will all necessitate scheduling and all the things that go

with it: security, fee collection, permit issuance. These services, in turn, have staffing implications.

The following table summarizes the developed and operating public local park sites in the unincorporated area of Orange County as of July 1, 1977. In addition to these, several other park sites, the largest being the $1.5 million Crown Valley Community Park project in County Service Area No. 3, are under construction as the 1977-1978 fiscal year begins. For a complete inventory of county local park ownership, see Appendix C.

TABLE I
INVENTORY OF
DEVELOPED LOCAL PARKS

July 1, 1977

CSA/PARK NAME	LOCATION	ACREAGE
CSA # 3		
Hermosa	Laguna Niguel PC	17.544
La Plata	Laguna Niguel PC	5.110
Total		22.654
CSA # 4		
San Remo	Rossmoor PC	1.822
Santa Vittoria	Rossmoor PC	2.999
Total		4.821
CSA # 5	None	
CSA # 6		
El Toro Phase I	El Toro	10.000
Ranchwood	Lake Forest PC	1.877
Total		11.877
CSA # 8		
Costeau	Laguna Hills	3.674
Mackenzie	Laguna Hills	2.848
Total		6.522

CSA/PARK NAME	LOCATION	ACREAGE
CSA # 9		
Aliso Villa (Wilderness Glen)	Mission Viejo PC	18.608
Christopher	Mission Viejo PC	2.795
Coronado	Mission Viejo PC	2.237
De Portola	Mission Viejo PC	2.453
Eldorado	Mission Viejo PC	4.936
Granada	Mission Viejo PC	3.878
Linda Vista	Mission Viejo PC	3.393
Loyola Park	Mission Viejo PC	5.082
Madrid Fore	Mission Viejo PC	2.660
O'Neill, Marguerite	Mission Viejo PC	3.481
San Gabriel	Mission Viejo PC	11.985
Santa Lucia	Mission Viejo PC	4.639
Santa Maria	Mission Viejo PC	3.240
Seville	Mission Viejo PC	0.949
Val Yermo	Mission Viejo PC	1.949
Total		72.285
CSA # 12		
Doria	Aegean Hills PC	2.235
Aegean Hills	Aegean Hills PC	0.522
El Toro Phase I	(See CSA #6)	
Total		2.757
CSA # 16		
Sea View	South Laguna	.500
Total		.500
CSA # 22		
Woodgate	Yorba Linda	2.200
Total		2.200
GRAND TOTAL		123.616

CHAPTER IV

REGIONAL RECREATIONAL FACILITIES

The Operations Division of the EMA Development function is responsible for the day-to-day operations of county recreation facilities. The program manager provides guidance on long-range direction, planning and operational liaison with cities, school districts, homeowners associations, and the Sheriff's Harbor Patrol.

OPERATIONS

The following table summarizes the facilities which are operational as of July 1, 1977.

TABLE NO. II

	Regional	Local	Total
Park Acreage Owned	9,225	612.0	9,837.5
Park Acreage Developed	3,574	123.1	3,697.6
Miles Off-Road Bicycle Trails*	24.5		24.5
Miles Equestrian Trails*	31.5	2.2	33.7
Turf Acreage	585	70	655
Lake Surface Acreage	79	.5	79.5
Miles of Beach Frontage	4.5		4.5

* Exclusive of mileage within regional or local parks.

For ease of comprehension, the basic elements of regional recreation facility operations are described separately as follows:

MAINTENANCE

The care of structures, grounds, irrigation systems, plant and turf care are the principal functions here. A cursory view would conclude that this is simply a labor task.

Actually, this is far from accurate. The technical expertise needed to manage such a function is significant. Much knowledge is required in such

areas as fertilization rates, pest control, proper pruning techniques, turf seed mix, plant and turf diseases, paint selection, irrigation system design and maintenance, wildlife management and fire protection.

The basic maintenance of regional recreation facilities is accomplished by EMA forces. But where analysis shows a savings, certain tasks were contracted in selected facilities in 1976, with more expected to be let to contract in 1977 and 1978.

Recreational Programming

The urban regional park with activity features and the high activity local park have challenged the traditional attitude of the county in operating recreational facilities. The county role in the early 1970's was one of providing facilities, then maintaining them while the public was allowed to use the facilities at will.

But the provision of high activity facilities in regional and local parks, i.e., ball diamonds, soccer fields, swimming pools, community centers and tennis courts, brings with them demands for programming reservations, schedules, levying and collecting group use fees, group permits and lessons - all of which have management implications.

Because demand for such programming in regional parks generally comes from the local community near the park rather than the broader "regional" base, efforts have been made to involve the recreation department of the city in which the park lies in providing such scheduling. For example, efforts are being made to facilitate a system wherein the cities of Fullerton and Brea will perform the function of ball diamond scheduling at Ted Craig Regional Park in Fullerton upon completion of ball diamonds there, starting in spring of 1978.

But cities are naturally interested in programming only those regional

facilities needed in the city organized recreational programs. Thus, some programming requests must either be turned away or dealt with by county staff. In addition, facilities unique to regional parks present opportunities for special event recreational programs such as fishing derbies and archery contests. Some such events were offered on a trial basis in the summer of 1976, and are being repeated in the summer of 1977.

Recreation programming is a tool for more people to be served by a given recreational facility. As such, it represents efficiency and is a sound management tool.

Public Safety

In a recreation system accounting for millions of visitors a year the same public safety problems found in our everyday society occur within the recreation facilities. These problems may be grouped in the following categories:

1. Marine Law Enforcement, Fire Fighting and Rescue.

   a. Harbor Patrol

      The Sheriff's Harbor Patrol function provides such services along the entire Orange County coastline and within the EMA operated coastal county recreation facilities. The provision of these services is a joint responsibility of the EMA and the Sheriff/Coroner Department.

      EMA funds the expense of the program and participates with the Sheriff's Department in the formation of long-range policies and objectives for the management of the coastal recreation facilities of the county. The Recreation/Open Space/Service Areas Program Office of EMA provides such liaison with the Sheriff/Coroner Department.

b. Lifeguard Service

The Environmental Managment Agency operates over three and one-half miles of public beach frontage. Due to the fact that this frontage is scattered along Orange County's 42-mile coastline, lifeguard service on the county operated beaches is provided by means of contracting with nearby cities. The cities operating in the immediate vicinity on city beaches are capable, with minimum difficulty, of providing the lifeguard service on the adjacent county beach; thus, the contracting approach.

"Lifeguards taking statistical reports following rescue of woman from surf in the Sunset Beach area. One guard takes the report while the other guard maintains vigilence on swimmers in water"

The EMA Administration Division provides the lifeguard contract administration service to the Operations Division and arranges quarterly meetings with the five coastal lifeguard agencies. Due to the interrelationships of public marine safety considerations, Sheriff's Harbor Patrol representatives also attend those meetings.

The cost of the lifeguard contract services for the 1977 calendar year is depicted in the following table.

TABLE III

1977 Contract Lifeguard Service

City	Sunset Beach	S.A. River & Newport Hbr.	So. Laguna Beaches	Niguel Beach & Dana Point Hbr.
Huntington Bch	$59,986			
Newport Bch		$47,610		
Laguna Bch			$65,560	
San Clemente				$52,265

In addition, the Board of Supervisors provides an annual financial assistance allotment funded from the Dana Point Harbor Tidelands budget to the coastal cities as an aid to the operation of their lifeguard departments. This assistance is provided under the premise that the city beaches serve more than just the local city residents by providing a county-wide recreation resource and thus financial assistance from county-wide sources is appropriate. The table below summarizes this program.

TABLE IV

1976 - 1977 Financial Assistance	
Seal Beach	$ 22,471
Huntington Beach	$ 57,379
Newport Beach	$ 92,702
Laguna Beach	$ 30,790
San Clemente	$ 32,696
	$236,038

2. General Law Enforcement.

Law enforcement services within the regional park system are provided by the Sheriff's Department and, where parks lie within incorporated boundaries of cities, the respective city police department. Routine patrols are provided and on peak use days such as holidays law enforcement units will be assigned to a given park.

The Orange County Sheriff's Department Mounted Patrol is also utilized on peak holidays and has proven to be very effective in dealing with the public in the role of assuring public safety in the regional park, harbor and beach system.

Sheriff's Mounted Patrol on
holiday duty in Irvine Park.

Park Rangers are trained to encourage the public to respect all ordinances related to county recreation facility usage. In addition, rangers and other park staff are trained in basic first aid services, and every major park facility has a well-equipped first-aid room in the main facility office to render immediate assistance should an injury or an illness occur.

Interpretive Programs

Interpretation may be thought of as a form of outdoor education by which the public is informed of the natural or historic features of the region and recreation facility which they are visiting.

Interpretation takes many forms--it can be a nature walk, a display of photographs, an exhibit, an evening campfire program, a tidepool exploration trip, or reading an interpretive publication.

The Orange County Environmental Managment Agency provides such interpretive services at various regional parks. At most facilities interpretive nature walks are available for groups upon request.

The picture below shows such an interpretive walk occurring at Caspers Park in April, 1977.

Ranger guided interpretive walk.

Orange County is rich in history, and this history quite often centers in or around a present regional park site. To relate this history to the public, a series of interpretive historical publications has been prepared. These publications are available at regional park facilities at their printing cost. Thanks to the gracious cooperation of several famous local historians, some of these publications contain historic photos and accounts never before published.

The interpretive programs are directed at exposing the public to many of the hidden features of the county regional park system and the region that is Orange County. It is believed that the interpretive programs will result in a wider appreciation of the regional recreation facilities and their environment,

as well as the environment that is Orange County. This appreciation will, in turn, result in increased respect and care for that environment which we all must share.

Concession Management

The construction and operation of regional recreation facilities is a very expensive undertaking. In an effort to minimize taxpayer investment in such facilities, the Orange County Board of Supervisors, where economically feasible, offers concessionaire leases in order that such facilities may be provided and operated by private capital at no cost to the taxpayer.

The table on the following pages summarizes the revenue producing leases for public property under the management direction of the Environmental Management Agency.

The management of these leases in the field involves one employee in the Environmental Management Agency Recreation/Open Space/County Services Areas Program Division on a full-time basis, with staff support provided by the General Services Agency Real Estate Division for lease preparation, lease bidding, processing amendments to leases, consents to hypothecation and subleases.

The EMA Recreation/Open Space/Service Areas Program unit is responsible for the day to day performance of the lessees, including prices and hours, handling of public customer complaints and, at Dana Point Harbor, coordination of multiple lessee relations and a harbor promotion program.

While the leases are structured to attract private enterprise capital, thus offering the concessionaire investor the potential of a profit, they are managed in a manner which, when the lessee is offering a recreational service or facility for which the demand far exceeds the supply, the prices charged are

not necessarily the highest level that demand will generate. Rather, prices are maintained at a level that provides the lessee a reasonable return on investment, but also with a diligent effort to provide the recreating public the best bargain possible.

In addition to the revenue generated by the leases listed on Table V, long-term leases are viewed by the County Assessor as a major interest in property which is assessable and taxable in a manner similar to outright ownership of property. This tax is called a possessory interest tax, and on a 30-year lease term it results in the lessee investor paying a property tax to all taxing agencies having jurisdiction over that property -- city, county, school districts, and other special districts -- equal to about 80% or 90% of what the taxes would be if the lessee owned the property outright. Thus, when public property is taken off the tax rolls through the process of providing a recreation facility to the public, that property can in essence be returned to the tax rolls through the mechanism of a long term lease investment.

Dana Point Harbor Review Board

One principal concern with any lessee constructed facility has to do with architectural compatibility to the over-all recreation facility as planned and designed by the county and in relation to other lessee developments within the facility. The Dana Point Harbor Review Board was established in 1970 to assure such architectural compatibility within Dana Point Harbor. The Board of Supervisors has expanded the purview of this architectural review body to the Newport Dunes and Sea Scout Base leaseholds in Newport Harbor. The Harbor Review Board consists of three staff appointees. The Recreation/Open Space/Service Areas Program Manager is the chairman of the three person board, which includes one member from the Environmental

Management Agency-Regulation Function, and a member from the Real Estate Division of the General Services Agency.

The Review Board meets on the fourth Tuesday of every month at 2:00 p.m. regularly. As a body appointed by the Board of Supervisors making policy decisions, it is subject to the terms and conditions of state legislation governing public bodies, including the Brown Act which requires all meetings and records thereof to be public.

TABLE V
ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
CONCESSIONAIRE REVENUES FOR 1976

Concessionaire	Location	Services	1976 Revenue	Fund to Which Income Deposited
Ogden Food Service of Calif.	Aliso Beach	Food & beverage, mdse, fishing & beach equip rentals, bait	$ 14,699	H.B.P. District
Herbert J. Maranz	Featherly Pk.	Mdse, bicycle & equip rentals, food & beverage, laundry facilities	4,778	H.B.P. District
Irwin & Irwin, Inc.	Irvine Pk.	Food & beverage, bicycle and boat rental	23,585	H.B.P. District
Irvine Park Riding Stables, Inc.	Irvine Pk.	Horseback riding, pony rides	4,481	H.B.P. DIstrict
Mile Sq. Golf Course	Mile Sq. Pk.	Public golf course, driving range, food & beverage, golf pro shop	66,093	H.B.P. District
Murai Farms, Inc.	Mile Sq. Pk.	Agriculture	10,358	H.B.P. District
George Tanaka	Mile Sq. Pk.	Agriculture	5,989	H.B.P. District
Don Farmen	O'Neill	Food & beverage, mdse, bicycle & equip rental	6,200	H.B.P. District
Goldrich & Kest	Sunset Aqu. Pk.	Marina, boat launch, boat repair yard	98,761	*1
Carden's Coin Telescopes	Lookout Pk.	Telescope	301	H.B.P. District
Atlantic Richfield Co.	Dana Point Hbr.	Parcel-1 marine fueling	13,489	Dana Tidelands
Dana Point Marina Corp.	Dana Point Hbr.	Parcels-3,4 boat launch, boat storage	27,154	*2
Dana Village Properties, Inc.	Dana Point Hbr.	Parcel-5 sports fishing, retail merchandising, restaurants	81,213	Dana Tidelands
Dana Point Marina Co.	Dana Point Hbr.	Parcels-6,10 marinas	280,580	Dana Tidelands
Dana Associates	Dana Point Hbr.	Parcel-7 retail merchandising, restaurants	102,025	*3
Great Western Hotel Corp.	Dana Point Hbr.	Parcels-8,9 hotel	23,549	*4
Louis R. Gill & E. Ted Enoch	Dana Point Hbr.	Parcel 11 restaurant	12,001	Dana Tidelands
Dana West Marina Co.	Dana Point Hbr.	Parcels-20,22 marinas	91,434	Dana Tidelands

Concessionaire	Location	Services	1976 Revenue	Fund to Which Income Deposited
Newport Dunes, Inc.	Upper Bay NPort.	Public beach, boat launch, boat storage, R.V. camp grounds, boat repair, food & beverage	$ 121,133	*5
Newport Arches Marina, Inc.	Lower Bay NPort.	Marina, office buildings, restaurant, bank	83,091	County General
Balboa Yacht Club	Bayside Dr. NPort.	Yacht Club	1,650	Newport Tidelands
Irvine Co.	Lower Bay NPort.	Marina	5,760	Newport Tidelands
DeAnza Harbor, Inc.	Upper Bay NPort.	Boat launch	1,710	Newport Tidelands
Channel Reef Community Assoc.	Lower Bay NPort.	Marina	1,200	Newport Tidelands
Orange Coast College	Lower Bay NMPort.	Rowing & siling facility	1	Newport Tidelands
Boy Scouts	Lower Bay NPort.	Sea Scout Base	1	Newport Tidelands
U.S. Coast Guard	Lower Bay NPort.	Coast Guard Base	0	Newport Tidelands
Reuben E. Lee	Lower Bay NPort.	Restaurant	5,600	Newport Tidelands
Swales Anchorage	Lower Bay NPort.	Marina	3,012	Newport Tidelands
Keith Bartley (Barts Bait & Tackle)	Dana Point Hbr.	Food & beverage, bait, fishing tackle, beach equip rental, etc.	525	Dana Point Tidelands
River View Golf	Santa Ana	Golf course	13,315	Flood Control Dist.
		TOTAL	$1,103,688	

*1 Boat slips, & ramps H.B.P. District = 79.24%, State Trust Fund = 20,76%
Repair yard H.B.P. District = 85.54%, State Trust Fund = 14.46%
*2 Parcel-3 H.B.P. District = 49.49%, Dana Tidelands = 50.51%
Parcel-4 H.B.P. District = 4.37%, Dana Tidelands = 95.63%
*3 Parcel-7 H.B.P. District = 54.58%, Dana Tidelands = 45.42%
*4 Parcel-8 H.B.P. District = 68.69%, Dana Tidelands = 31.31%
*5 H.B.P. District = 9.46%, Newport Tidelands = 90.54%

DESIGN

The designation of a regional recreation facility in one of the master plans discussed in Chapter II by no means makes it possible to go immediately from master plan to construction. Much site planning and design is necessary.

One of the major tasks of the design process is to determine the particular recreational needs in the immediate service radius of the proposed project in order that the ultimately developed facility can best meet the recreational needs of the region it will serve.

The design of a regional trail project is a fairly straight-forward project, more in the realm of the pure public works projects wherein the function of the project and its physical start and finish is known. In such cases, the design can proceed fairly promptly.

However, in the case of a regional park, it's not that simple. We all know that a park is many things and, hopefully, the park to be developed would contain the things most needed in the region the park will serve. The process of determining what is needed and to which of those uses the site best lends itself can be an involved process starting with an inventorying of existing public recreation facilities in the immediate area of the proposed regional park project. Other variables, such as the availability of water, physical traffic access to and from the site, the urban community around the park site, or, if a remote park site, the probable urbanization process that will impact it in the future, all must be assessed. Rapidly changing recreation desires must be monitored in relation to the particular site and judgments made as to whether some of those desires can be anticipated and whether those presently identified can be accommodated on the site.

Most of this specific site planning and design work is accomplished by

private architectural/engineering firms under contract awarded by the Board of Supervisors. A scope of work is prepared by the EMA Design Division staff describing the task to be accomplished by the firm. The firm then addresses those tasks and, meeting regularly with the EMA Design personnel, moves toward preparation of schematic development alternatives. The schematic plan is a diagramatical land use plan for the site, simply showing areas of the park site devoted to particular types of uses. Preparation of the schematics is usually done in conjunction with preparation of an environmental impact report by the EMA, Advance Planning Function, Environmental Services Section. Such a report must be made and completed before the Board of Supervisors or the Harbors, Beaches and Parks Commission can receive the concept plan and make actual decisions on park land uses.

On regional park projects the schematic plan alternatives are processed through the Harbors, Beaches and Parks Commission to the Board of Supervisors for selection of a desired alternative, or a combination perhaps of several of the schematic plans. Once a schematic alternative is decided on by the Board of Supervisors, the architectural/engineering firm then moves to preparation of a general development plan. The general development plan is a much more precise land use planning designation and contains greater details, including specific acreage commitments to given uses, architectural floor plans and elevations of building, and quite precise development cost calculations.

The general development plan will also contain a section analyzing the operational and maintenance impact of the proposed park. This section will describe the management plan for operation of the park and the cost of staffing, services and supplies, on an annualized basis, as well as estimated attendance and identification of possible revenue producing activities such as concession features.

In the schematic and general planning development process the Recreation/Open Space/Service Areas Program Manager participates in design seminars, assuring coordination amongst EMA Design, Operations and Construction Divisions as well as the budgeting process. It is the responsibility of the program manager to assure such coordination and to prepare planning and development budgets based upon progress of schematic and general development plan design efforts.

The general development plan is then moved with its precise data to the Harbors, Beaches and Parks Commission, then to the Board of Supervisors for final review. Once a plan is approved, the next step is to begin construction working drawings. Quite often, because of the cost magnitude of developing a regional park site, its actual development is separated into phases in order to stay within budgetary constraints. Thus, many park sites begin with a Phase I development.

Construction drawing preparation usually takes about six months for the Phase I development, then bids are advertised and a contract is awarded eight to nine months after approval of the general development plan.

Development Grants

The Recreation/Open Space/County Service Areas Program Management Division, as part of its responsibility for formulating budgets for the implementation of park development projects, identifies likely projects for funding under the various grant programs identified in the section of this report entitled "Other Revenue Sources" (pages 71 through 80). With staff support from the Administrative function of EMA, likely projects for successful grant competition are recommended to the Board of Supervisors with the request that authority be granted for processing grant applications.

Once Board of Supervisors approval for submittal of a grant application is obtained, the grant application can be prepared and submitted to the proper agency. Submittal of a grant application requires thorough project description and justification, a detailed breakdown of projected costs and the proposed utilization of the grant fund portion of the financing of the project, obtaining compliance with the California Environmental Quality Act, submittal of title documents or a preliminary title report, and preliminary submittal of the proposed grant application to the regional (SCAG) and state clearinghouses for review and approval.

These steps make the typical grant application cycle a six month period of time and on most of the larger grant programs three to six months elapse before an official word is received on the success or failure of the application. Then another six months or so elapse before the funding can actually become available. Thus, submittal of a grant application typically requires a 12- to 18-month lead time on the project for which the grant funds are being requested. The exception is the Roberti-Z'berg Urban Open Space Program which, unlike most grant programs, is not a reimbursement program but a "front money" program in which grant funds are available within two to three months after the annual grant application period.

CONSTRUCTION

The Environmental Management Agency Development Function, Contract Construction Division, is responsible for the administration and inspection of construction contracts for all EMA projects. This equates to a responsibility for $25 to $40 million per year of construction works.

A large portion of this responsibility is related to county recreation program projects. This division handles the construction, administration and

inspection of trails, local and regional parks, and harbor and beach improvement projects.

The typical regional park construction project lasts a year and is valued in the range of $1 to $2 million.

Concession Building at Laguna Niguel Regional Park
nearing completion of Construction Phase

As mentioned in the section on the Local Park Program, construction administration and inspection for a recreation facility project is complex due to the fact it requires knowledge of almost every type of construction-landscaping, structural, architecture, plumbing, electrical, grading, paving- to mention just a few. Of course, the construction inspector must also be a public relations expert in answering the continuous question of "when will it be done?".

CHAPTER V

ARTERIAL BIKEWAY SYSTEM

The Environmental Management Agency (EMA), by authority of Board of Supervisors Resolution No. 75-55, is responsible for implementation of the Orange County Arterial Bikeway System (ABS) which consists of a network of bikeway routes of county-wide significance within the cities and unincorporated areas. The ABS implementation program is guided by the following policies as adopted by the Board of Supervisors:

1. Harbors, Beaches and Parks District assumes 100 percent financing responsibility for the acquisition and construction of the ABS.
2. Harbors, Beaches and Parks District finances design of the ABS 100 percent, but negotiates design details with the cities subject to basic construction standards. City-desired embellishments to basic construction, such as landscaping, rest areas and other ancillary facilities, will be the financial responsibility of the city.
3. County adopts a general route location of the ABS with selection of ultimate route alignment subject to negotiation with and concurrence of the cities directly involved, and approval by the Board of Supervisors.
4. Individual cities shall be responsible for operation and maintenance of bikeways located within public street right-of-ways within their city limits. The County of Orange, Environmental Management Agency, shall be responsible for operation and maintenance of all other arterial bikeways. Such work

shall be financed by the County of Orange or by the Orange County Harbors, Beaches and Parks District when so ordered by the Board of Supervisors following a public hearing pursuant to Section 5955 of the Harbors and Navigation Code.

EMA plans, acquires land and constructs the bikeway system. Cooperative agreements designating cities or other agencies as the "lead agency" on some ABS projects are also used to implement ABS projects. These agreements are prepared, negotiated and administered by the Recreation/ Open Space/Service Area Program Office and aid in the early implementation of certain ABS projects.

Design of the ABS routes is guided by the EMA publication entitled "Design Criteria and Guidelines for Orange County Bikeways." This design manual incorporates the minimum state design criteria for bikeways as mandated by Senate Bill 244.

Operation and maintenance of ABS routes is covered in ABS Implementation Policy No. 4 above. Essentially, then, on-road bikeways within incorporated city street right-of-ways will be operated and maintained by the respective local jurisdiction. Accordingly, on-road bikeways within road right of ways in unincorporated county area are operated and maintained by the County of Orange or by the Harbors, Beaches and Parks District funds. Off-Road trails in unincorporated county areas or within incorporated cities are operated and maintained by the County of Orange or by the district once Harbors and Navigation Code requirements have been satisfied.

The implementation plan presented in the report, "Arterial Bikeway System Financing and Implementation Plan and Detailed Fiscal Year 1975-76 Program," dated June 3, 1975, provided intitial guidance in developing the fiscal year

1977-78 program. Reference to that previous report for information on the overall implementation plan is suggested.

The ABS program planned for accomplishment in fiscal year 1977-78 includes 16 projects costing an estimated 3.0 million dollars. This total includes $73,000 for planning studies, $768,000 for right of way acquisition, and $2,213,800 for construction. Projects include major land acquisitions of abandoned railroad right-of-ways, signing and striping projects on existing streets, and off-road bikeway construction complete with new paving. Several projects involve coordination with street and highway, flood control and regional parks projects which are scheduled for implementation in fiscal year 1977-78.

The Arterial Bikeway System Program for fiscal year 1977-78 will be financed from a combination of Harbors, Beaches and Parks District funds, County Road funds and other funding sources. The following table indicates the funding amounts from various sources.

TABLE NO. VI

FUNDING SOURCES FOR THE FISCAL YEAR 1977-78 ABS PROGRAM

Funding Source	Amount
Highway User Tax Fund.	$ 198,000
Dana Point Tidelands Fund.	131,800*
Revenue Sharing Funds.	310,000
SB 821 - County Transportation Funds	52,000*
Harbors, Beaches and Parks District Funds. . .	2,247,000
Bicycle Lane Account (SB244)	46,000
Bicentinneal Bike Route Funds (SB283).	50,000**
Total Estimated Program Cost	$3,054,800

* These funds are appropriated in the Harbors, Beaches and Parks District budget unit.

** Not awarded by July, 1977, but anticipated revenue to Harbors, Beaches and Parks District.

CHAPTER VI

SOURCES OF FINANCING

The Orange County Board of Supervisors relies upon several funding sources for the acquisition of land and development of the county regional recreation facilities. These sources range from the property tax assessment powers of the Harbors, Beaches and Parks District to fees and concessionaire revenue as generated by the recreational facilities themselves to state and federal grant assistance. A summary of the major budget units is as follows:

COUNTY FUND/BUDGET UNITS

A. Orange County Harbors, Beaches and Parks District

The Orange County Harbors, Beaches and Parks District is governed by the Orange County Board of Supervisors and is a county-wide district charged with the acquisition, development, maintenance and operation of county recreation facilities. By law, the Harbors, Beaches and Parks District may levy a tax rate up to 20 cents per $100 of assessed valuation. Since the Harbors, Beaches and Parks District was formed from the former Orange County Harbor District in July of 1972, the district's tax rate has been as follows:

1972-73	19.95 cents
1973-74	20.00 cents
1974-75	18.43 cents
1975-76	10.91 cents
1976-77	19.79 cents
1977-78	16.59 cents

1. Harbor and Navigation Code Hearing Requirements

The Orange County Harbors, Beaches and Parks District is governed by the State of California Harbors and Navigation Code.

Section 5955 of subject code requires that the Orange County Board of Supervisors conduct at least one public hearing prior to expending funds for the acquisition, development, maintenance or operation of an inland recreation facility or beach. Therefore, on every such project on which district funds are expended such a hearing requirement must be met. If the project is a harbor project, Sections 5940-5954 of the code requires such a hearing in conjunction with a feasibility report. This hearing process gives full public visibility to any proposed project and affords the public an opportunity for direct input into the decision making procedure involving the expediture of tax funds.

2. Harbors, Beach and Parks District Operating Budget, Fund No. 4051

This budget unit is considered the operating budget of the district, and funds for the operation and long-range planning of all county recreation facilities are appropriated in this budget unit. Therefore, this budget unit may be thought of as the district's operating or expenditure budget.

3. Harbors, Beaches and Parks District Accumulative Capital Outlay Budget, Fund No. 4061

This district budget unit may be thought of as a capital expense account, a budget where funds are appropriated and/or accumulated over a period for the ultimate expenditure for the acquisition or development of a county recreation project. This budget allows for large projects by the accumulation of funds over a period of time, like a savings account. Projects of a less costly nature are funded totally in a given fiscal year. The savings account feature of this budget allows for a constant

tax rate rather than a highly fluctuating rate that could result if the total expenditure of a major project were budgeted in one single year.

B. Dana Point Harbor Tidelands, Fund No. 1081

This is a budget in which revenues resulting from fees and concessionaire rents from operations of Dana Point Harbor are deposited. Because the vast majority of Dana Point Harbor is on state tidelands held in trust by the county, most of the rent and concession income generated in the harbor goes to this fund budget unit. County Counsel has interpreted the law governing the expenditure of these tideland funds as basically stating that they may be expended for any county recreation project.

The Board of Supervisors of the County of Orange is the governing body for this budget unit. The Environmental Management Agency administers the budget and submits an appropriation request therefore.

The 1977-78 appropriation reflects an attempt to fund coastal improvement projects from this budget unit, as well as basic operational expense of Dana Point Harbor and the county's traditional financial assistance to the coastal cities for the operation of their lifeguard departments. This assistance program, while a policy matter of the Board of Supervisors which may be discontinued at any time, has existed for many years and is based upon the premise that much of the expense of a lifeguard department of a coastal city is a result of visitors coming to that city from throughout the county rather than solely resulting from the users being city residents.

The 1976-1977 Orange County Grand Jury audited the county tidelands budget. Staff of the State Lands Commission, upon review of the audit report, has questioned expenditures of the Dana Point Tidelands funds which

do not directly benefit those tidelands. An initial meeting has been held with the state staff on this issue, and as the 1977-1978 fiscal year begins, guidance from the State Attorney General is expected.

C. Newport Harbor Tidelands, Fund No. 1061

Similar to the Dana Point Harbor Tidelands fund, the Newport Harbor Tidelands budget unit is also administered by the Board of Supervisors and is a repository for revenues resulting from rents and concessions on Newport county tidelands, which also are state tidelands held in trust by the county. Physically, these tidelands comprise most of upper Newport Bay (exclusive of the State Fish and Game Department Preserve) and a small portion of lower Newport Bay. Sources of revenue to this fund budget unit include rents received from such leases as the Newport Dunes concession, Bayshores Marina, Reuben E. Lee Restaurant, and a tidelands rental fee for residential piers and moorings on the tidelands. The legislation governing the expenditure of these tideland funds is more restrictive than those for Dana Point Harbor, stating in essence that the revenue may be expended only on the physical tidelands or for purposes directly benefitting those tidelands.

D. Newport Tidelands Reserve, Fund Budget Unit 1041

The fund budget unit is a companion to the 1061 county tidelands budget unit. The Newport Harbor Tidelands trust, transferring responsibility to the County of Orange from the State of California to manage and operate Newport Harobr Tidelands for the benefit of all the people of the State of California, requires that 85% of funds in excess of $250,000 remaining in the tidelands trust at the end of each fiscal year be returned to the State of California unless such funds are placed in a reserve for specific project expenditures. This fund budget unit creates that reserve and contains

appropriations for certain capital outlay projects in order to comply with state tidelands trust mandate.

E. Sunset Tidelands, Fund No. 1071

This budget unit has been funded from tidelands oil revenue distributed by the State of California in accordance with Section 68165 of the Public Resources Code. This section requires the state to share a portion of the revenue received from oil drilling operations on state tidelands offshore of public beaches. This budget has had an estimated annual revenue of $21,000 and has been the traditional source of the county contribution for the federal beach sand erosion control program, a periodic effort to prevent erosion of beach sands or to restore sand to eroded beach areas.

However, in the spring of 1977 a telephone notice was received from the State of California that Orange County has received the state oil revenue allocation in error for several years and that no further allocations will be made. In addition, the possibility of the state billing the county for repayment was raised. Based upon this telephone notice, expenditures from this tidelands fund have been suspended by the Environmental Management Agency. As the fiscal year begins, clarification has been requested from the state and an answer is being awaited.

F. Sunset Harbor Trust Fund No. 3326

A portion of Sunset Aquatic Park is on state tidelands leased from the state by the Orange County Harbors, Beaches and Parks District for a term of 30 years, 1969 - 1999. The lease requires that revenues produced from the state tidelands be placed in a special trust fund and expended only for the improvement, operation and maintenance of those specific lands. A portion of the land and water area leased to the harbor concessionaire - marina operator/developer, is comprised of these State

lands. Therefore, a portion of the revenue received by the Harbors, Beaches and Parks District from this concession lease is deposited in this trust fund. As of July 1, 1977, there was approximately $17,000 in this fund. It is anticipated that this money will be expended for the dredging of the aquatic park planned in 1978.

G. Off-Road Vehicle Fund, Fund No. 1291

The State of California levies a license fee for all off-road recreation vehicles. A portion of the fees collected are distributed to local governments, cities and counties. The amount of the revenue received by the County of Orange is deposited in this fund budget unit. This fund will finance the planning study of the Olinda off-road vehicle park during the 1977-1978 fiscal year.

H. Federal Revenue Sharing Funds, Fund No. 1221

The Board of Supervisors has allocated portions of the federal revenue sharing funds received by the county to specific recreation facility projects. As the projects are planned and implemented, the costs thereof are paid from these federal funds.

I. Housing and Community Development Block Grand Funds, Fund No. 0169

Several projects for local community centers in low/moderate income areas have been allocated for under the Federal Housing and Community Development Block Program. The choice of where to locate these projects was made by the Board of Supervisors.

As they are planned and implemented, the costs are paid from Housing and Community Development funds. Due to the recreational nature of the community center projects they have been placed in this work program. The HCD budget, which encompasses many other programs and projects, is administered by the Advance Planning Function, Housing/Community Development Division of EMA.

J. County Service Area Funds

As discussed on pages 27 to 30, service areas are individual taxing entities established to provide funding for a higher level of municipal services to unincorporated county areas than normally provided. The principal source of this funding is by means of a service area property tax.

K. Environmental Enhancement Funds

A state sales tax is levied on gasoline purchases, and each city or county receives 1/6 of that tax from the state (1% per dollar of sales). The Board of Supervisors, which receives this revenue from gasoline sales in the unincorporated area, determined (Resolution No's. 72-315 and 74-359) that its receipts under this program should be used for county-wide efforts, such as bicycle trails, greenbelts and other environmental projects, and also to assist the unincorporated area local park program. Projects funded from this revenue source appear in the county capital projects budget (0168).

L. County Road Funds, Fund No. 1151

The State of California levies a 7 cent per gallon tax on gasoline. This levy creates a fund commonly called the Highway User Tax Fund. This fund is allocated to cities and counties for roadway purposes. In accordance with Section 951 of the Streets and Highways Code, highway user tax funds may be used on bikeways in the unincorporated area for development within the road right-of-way. Planned expenditures from such funds in the fiscal year 1977-78 ABS program include the work of signing, striping and paving of road shoulders for bikeways at various locations. In fiscal 1977-78, Orange County expects to receive approximately $19 million of which approximately $198,000 will be used for bike trail projects. This revenue is appropriated in the county Road budget.

M. Local Park Trust Fund, Fund No. 1531

As discussed on pages 31 and 32 of this report, fees are collected from some developers of dwelling units in the unincorporated area of the county. These fees are deposited in this fund and coded by census tract in order that a geographic identity remains assuring that the funds are expended in the same area from which they are collected. As the fiscal year begins, this fund has a balance of $1,883,413.

The fund may be expended for local park site acquisition or development. Such expenditures are accomplished by Board of Supervisors tranfer to the appropriate Service Area fund.

OTHER REVENUE SOURCES

The budget unit sources of funds discussed in the previous section rely heavily on property tax assesments for revenues. However, other revenue sources are available and are pursued to both supplement and reduce the impact upon the county taxpayer of developing, operating and maintaining county recreation facilities. These sources of outside funds may be grouped into three general categories:

A. Fees

1. User Fees

The Board of Supervisors has long maintained the policy that the users of the county's recreational facilities should pay a greater share of the cost of operating and maintaining those facilities than the non-user. The means to assure that the user pays a greater portion is by levying a user fee. As for such fees at the county recreation facilities, the Board of Supervisors had generally authorized the collection of a day use parking fee and overnight camping fee in the regional parks and coastal recreation facilities. This revenue is expected to total approximately $400,000 during fiscal 1977-78, which is just about equal to the cost of operating and maintaining Irvine and William R. Mason Regional Parks for the same period. All such revenue is returned to the appropriate budget unit for funding such operational expense.

B. Concession Income

A basic policy is followed of encouraging private enterprise investment in the county's recreation facilities through the advertising and bidding of concessionaire leases to provide basic public recrea-

tional services. Generally, great care is taken to not overcommercialize the county's recreation facilities, but to offer concessionaire leases which supplement the basic recreation intent of the given facility and provide the users with a service or convenience supportive of a recreational experience.

Concessionaire leases may be offered on raw land and thus require the concessionaire to both develop and operate a recreational amenity. Mile Square Golf Course is perhaps the best example of this type of concessionaire lease. Another type involves a basic concessionaire service within a park. The concession stands at Irvine, Featherly and O'Neill parks are examples of this type of operation.

Under either type lease, the County of Orange receives a portion of the gross receipts of the concessionaire's income, and this money is treated as revenue and is returned to the appropriate budget unit for funding acquisition, development, maintenance and operational projects. A detailed analysis of concessionaire revenues which are expected to exceed $1 million in 77-78, and the management of concessionaires, appears on pages 53 to 54 of this report.

C. Grant Revenues

There are state and federal assistance programs to provide funds to local government agencies for particular types of recreation projects. As might be expected, local agencies compete for these funds, and the amount of requests generally exceeds the amount of funds available. Therefore, local agencies must apply for these grant funds and the various projects submitted by the local agencies are actually in competition. The County of Orange has been fairly successful over the years in acquiring grant-in-aid assistance.

Following is a description of the major grant fund sources:

1. Federal Land and Water Conservation Fund

This fund, while a federally funded grant-in-aid program, is administered in each state by a state agency. In California it is administered by the State Department of Parks and Recreation. Under the criteria of the State Parks Department the grant-in-aid program has historically been devoted entirely to the acquisition and development of regional recreational facilities. However, starting in 1976-77 this policy began changing. In a concerted effort to provide parks where the people are, namely in an urban setting, the State Parks Department has modified the grant criteria to make certain that at least 40% of the grant-in-aid assistance under this program will go to non-regional parks. This means the County of Orange and other counties, rather than just competing amongst themselves for these grant funds (which has been the case in the past), also are competing with cities. While the county does indeed have a local parks program under which to seek financial assistance from this program, it may be expected that the regional parks program will be less successful than in the past in obtaining assistance under the Federal Land and Water Conservation Fund Program.

2. 1974 State Beach Park Recreational and Historical Facilities Bond Act.

The voters of the State of California passed a $240 million bond act issue in 1974 to fund historical and recreational facilities projects throughout the State of California. Under the

terms of the bond act, a portion of the funds are to be devoted to state projects, with another portion allocated to counties and cities. In Orange County, approximately $7.2 million was allocated to local government, $2 million to the county and the rest to the county and cities.

The county has identified the following projects upon which to allocate $2 million of assistance:

Mile Square Phase IV Development	$350,000
Sunset Aquatic Park Development	400,000
Los Coyotes Development	300,000
Historical Projects	150,000
Lower Santiago Creek Acquistion	400,000
Fairview Park Development	200,000
Doheny Beach Development	200,000

If by some chance the Board of Supervisors wishes to shift these funds to another project it can do so with little difficulty. Such flexibility is unique to this particular grant program.

3. National Historic Preservation Act

The United States Congress for the last few years has annually appropriated funds for the preservation of historic facilities and sites throughout the nation. Like the Federal Land and Water Conservation Fund grant program, most of these funds are then generally allocated to each state and administered by a state agency. In California the State Department of Parks and Recreation administers this program.

Funds are very limited in this program and, due to the general rise in public interest in historic sites and struc-

tures, competition for these grant funds far exceeds the amount available. Orange County was very fortunate in fiscal 1975-76 when its first application under this program, the Key Ranch Acquisition at $62,500, was approved.

In order for a project to be eligible under the program the site or structure must be registered on the National Register of Historic Places. It is no simple task to obtain registry on a site or structure, requiring a good deal of research and report preparation to justify the historical significance of the proposed project. Therefore, the lead time in this grant program is considerable and requires a good deal of technical research and writing prior to even submitting a grant application. In the 1976-77 fiscal year, the Orange County Environmental Management Agency took steps to register the Serrano Adobe and El Toro School, as well as the Fairview Regional Park Indian site. If registry status is granted, restoration or development grant applications will be pursued in 1977-1978.

4. Housing and Community Development Funds

The Housing and Community Development (HCD) Act of 1974 is a federal act which provides federal financial assistance for the provision of housing and other public and social services with the intent of preventing or correcting slums, blight and a general deterioration of the quality of the urban environment. The act provides for distribution of block grant funds for these purposes to urban areas. The County of Orange receives certain block grant funds, and the Board of Supervisors

establishes policy for the use of such funds consistent with the federal act. Public recreation projects are eligible in certain instances. To date, the Board of Supervisors has allocated HCD funds to one EMA recreation project, the Montanez Adobe preservation ($40,000). However, two community center projects appear in the Local Facilities of the Chapter VII - Work Program section as the design of these projects will be performed by the EMA Design Division.

5. State Urban Open Space and Recreation Program

Senate Bill 174 was passed by the State Legislature and signed by the Governor in spring, 1976. This bill provides for distribution of $25 million of state funds to local park agencies each year for a three-year period starting with fiscal 1976-77.

The purpose of the program is to provide state financial assistance to areas of the state designated as urban areas or areas immediately adjacent to urban areas pursuant to the 1970 federal census in order to acquire land or develop parks to meet the need of the urban population. The legislation reflects the philosophy of the current state administration that methods are needed to bring parks to the people in urban areas.

Under the program, the County of Orange is to receive approximately $713,000 for each year. The Board of Supervisors may expend those funds for a county recreation project in or immediately adjacent to urban areas in accordance with state criteria. In addition to this grant to the County of Orange, all cities and special park districts in this same urban area also receive state financial assistance under this program. All agencies

receive assistance based upon population figures pursuant to the 1970 census. The $713,000 to be received annually by the County of Orange, plus the approximate $867,000 to be received by the cities and special parks districts within this urban area, will result in the total urban area of Orange County receiving approximately $1.5 million per year for each of the three years.

A funding distribution proposal will be submitted to the Board of Supervisors in early fall and a final decision will be made as to what projects the county funding assistance will be applied for the 1977-1978 fiscal year.

6. Nejedly-Hart State, Urban, and Coastal Park Bond Act of 1976.

In the general election of November 2, 1976, the voters of California passed this $280,000,000 bond act with funds to be used for state and local park, beach, recreational, and historical resources preservation purposes. The bond funds are to be expended as follows:

1.	Grants to local government	$ 85,000,000
2.	State Park System	34,000,000
3.	Coastal Land Acquisition, Planning, Interpretation	110,000,000
4.	Property Acquisition for Wildlife Management	15,000,000
5.	Recreational Facilities of State Water Facilities	26,000,000
6.	State Coastal Conservancy	10,000,000

The $85,000,000 in grants to local government is to be distributed on a population basis. The Orange County allocation is approximately $6.8 million. Under the terms of the bond act, the Board of Supervisors of the county and at least one-half of the

county cities must agree on how this allocation is to be divided. Such an agreement was reached early in 1977, with approximately $4.8 million to be allocated to city and unincorporated area local park programs on a population basis. The remaining $2 million is being made available by the Board of Supervisors to fund multiple agency projects. Early in the 1977-1978 fiscal year, applications were solicited from local agencies within the county for such joint projects. The applications received totaled more than $4.1 million, or twice the amount available. The Harbors, Beaches and Parks Commission reviewed them and recommended $2 million of funding, consisting of 18 projects of 14 agencies, to the Board of Supervisors for final selection. The Board of Supervisors, on September 13, 1977, in Resolution No. 77-1469, approved the Commission recommendations, thus committing the entirety of the $6.8 million received by the county to less than regional projects.

7. Corps of Engineers 710 Program

Under this program the United States Army Corps of Engineers makes its lands available to local agencies for multi-purpose recreational use. In addition, the Corps will fund 50% of the development cost of converting the lands for recreational use. This program has resulted in the development of Ted Craig and Carbon Canyon Regional Parks, which are both partially on Corps lands. In the 1977-1978 fiscal year this program will provide matching fund assistance for a development phase of both Craig and Carbon Canyon Parks.

8. SB 244 - Bicycle Lane Account

Senate bill 244 sets aside $360,000 in State Transportation funds each year for construction of class 1 bikeways (off-road) throughout the state. Commuter bikeway projects are given the highest priority for these funds. An application must be submitted to Caltrans by December 1 each year in order to participate in the funding program. A grant of $46,000 has been received for use in the FY 77-78 work program for a portion of the Pacific Coast Bikeway along Coast Highway between Doheny Park Road and Beach Road. This bikeway will serve commuter bike traffic between San Clemente and the Dana Point Harbor/Capistrano Valley trail which serves the San Juan Capistrano/Mission Viejo area.

9. SB 283 - Bicentennial Bike Route Funds

The State Legislature in 1975 passed Senate Bill 283 which authorized the use of $4,940,000 in State highway funds for the development of commuter bikeway routes throughout California and improvements to the Bicentennial Bike Route (all of Pacific Coast Highway through the State). Approximately one half of these funds are available for bicentennial bike route improvements in FY 76-77, 77-78 and 78-79. A letter of interest must be filed each year with Caltrans in order to participate in the program. The fiscal year 77-78 program includes a request for $50,000 in SB 283 funds for a portion of the Pacific Coast Bikeway along Coast Highway between Doheny Park Road and Camino Capistrano, all in unincorporated county.

10. SB 821 - Local Transportation Funds

Senate Bill 325 established the Local Transportation Fund which is the state sales tax on gasoline. Senate Bill 821, which

was signed into law in 1973, amended SB 325 to allow that one quarter of one percent of the sales tax on gasoline be available to local jurisdictions for the exclusive use of bicycles and pedestrians. The program is administered by the State of California through the Southern California Association of Governments (SCAG). Local jurisdictions must apply to SCAG each year for the funding of specific projects and the criteria for project selection emphasizes bikeways through local communities. In the fiscal year 1977-78 program, funds in the amount of $52,000 from SB 821 will be used in developing a portion of the Pacific Coast Bikeway within Bolsa Chica State Beach and Huntington City Beach.

1977 - 1978 REGIONAL RECREATION PROJECTS

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

PROJECT NAME	PROJECT DESCRIPTION		APPROPRIATION		
	PAGE NO.	PLATE/PAGE NO.	PLANNING/ DESIGN	ACQUISITION	DEVELOPMENT
Aliso Beach Acquisition	86	R1/108		$ 62,000	
Aliso Beach Development	86	R1/108			$ 250,000
Beach Erosion Control Program	86	R2/109			$ 193,600
Bolsa Chica Acquisition	87	R3/110		$2,000,000	
Carbon Canyon Acquisition	87	R3/111		$ 450,000	
Carbon Canyon Phase III	87	R4/111			$ 140,000
Carbon Canyon Phase IV	88	R4/111			$ 215,000
Carbon Canyon Concession Building	88	R4/111			$ 65,000
Caspers Park Acquisition	88	R5/112		$ 688,490	
Caspers Park Phase I	88	R5/112			$1,300,000
Centennial Development	89	R6/113			$2,500,000
Craig Park Development Phase IV	89	R7/114			$ 322,000
Craig Park Maintenance Complex	90	R7/114			$ 22,000
Dana Point Harbor Concession	90	R8/115			$ 120,000
Dana Pt. Harbor Convenience Dock	90	R8/115			$ 25,000

1977 - 1978 REGIONAL RECREATION PROJECTS

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

PROJECT NAME	PROJECT DESCRIPTION		APPROPRIATION		
	PAGE NO.	PLATE/PAGE NO.	PLANNING/ DESIGN	ACQUISITION	DEVELOPMENT
Dana Pt. Harbor Marine Institute	91	R8/115			$ 400,000
Dana Pt. Harbor West Basin Facil.	91	R8/115			$ 170,000
Doheny Beach Development	91	R9/116			$ 20,000
Engineering Building Modifications	92	-			$ 17,340
Fairview Park Acquisition	92	R10/117		$ 290,158	
Fairview Park Phase I	92	R10/117			$3,410,000
Featherly Pk. Handicapped Rev.	93	R11/118			$ 20,000
Featherly Pk. Picnic Area Conversion	93	R11/118			$ 425,000
Featherly Pk. Play Area	93	R11/118			$ 15,000
Irvine Park Extension	94	R12/119		$ 300,000	
Irvine Park Phase II	94	R12/119			$ 374,500
Irvine Park Redevelopment	94	R12/119			$2,000,000
Katella Yard	95	R13/120			$ 8,000

1977 - 1978 REGIONAL RECREATION PROJECTS

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

PROJECT NAME	PROJECT DESCRIPTION		APPROPRIATION		
	PAGE NO.	PLATE/PAGE NO.	PLANNING/ DESIGN	ACQUISITION	DEVELOPMENT
Key Ranch Acquisition	95	R14/121		$ 125,000	
Laguna Lakes Park Acquisition	95	R15/122		$1,000,000	
Laguna Niguel Asphalt Trail	96	R16/123			$ 25,000
Laguna Niguel Irrigation Conversion	96	R16/123			$ 60,000
Laguna Niguel Phase II	96	R16/123			$ 450,000
Land Acquisition (undesignated)	97	-		$2,000,000	
Los Alamitos Basin Reg. Park GDP	97	R17/124	$ 60,000		
Los Coyotes Regional Park Development	97	R18/125			$2,560,000
Lower Santiago Regional Park Acquisition	98	R19/126		$1,000,000	
Lower Santiago Regional Park Development	98	R19/126			$ 750,000
Mason Park Phase III	99	R20/127	$ 90,000		
Mile Square Phase IV	99	R21/128			$ 870,000
Misc. Park Modifications	99	-			$ 100,000

1977 - 1978 REGIONAL RECREATION PROJECTS

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

PROJECT NAME	PROJECT DESCRIPTION		APPROPRIATION		
	PAGE NO.	PLATE/PAGE NO.	PLANNING/ DESIGN	ACQUISITION	DEVELOPMENT
Montanez Adobe	100	R22/129			$ 54,770
Newport Harbor Docks	100	R23/130			$ 140,000
Old Santa Ana Regional Park	100/101	R24/131	10,000		$1,350,000
Olinda ORV Park	101	R25/132			$ 112,663
O'Neill Acquisition	102	R26/133		$ 200,000	
O'Neill Park Redevelopment	102	R26/133			$ 950,000
Paull Park	102	R27/134			$ 235,000
Peralta Adobe Preservation	103	R28/135			$ 75,000
Peters Canyon Regional Park	103	R29/136		$1,000,000	
Peters Canyon Regional Park	103	R29/136	$200,000		
Santa Ana River Environmental Plan	104	R30/137			$ 138,421
Santa Ana River Equestrian Trail	104	R30/137		$ 50,000	
Santiago Creek Connector Trail	104	R31/138		$ 12,500	
Sea Scout Base Contribution	104	R23/130			$ 442,752
Serrano Historical Village	105	R32/139			$ 450,P00
Sunset Aquatic Pk. Phase II	105	R33/140			$ 400,000

1977 - 1978 REGIONAL RECREATION PROJECTS

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

PROJECT NAME	PROJECT DESCRIPTION		APPROPRIATION		
	PAGE NO.	PLATE/PAGE NO.	PLANNING/ DESIGN	ACQUISITION	DEVELOPMENT
Sunset Beach Water Tower Preservation	105	R34/141			$ 12,000
Sunset Harbor Overdredging	106	R33/140			$ 350,000
Talbert Park GDP	106	R35/142	$200,000		
Water Purity Laboratory	106	-			$ 7,050
Yorba Park Expansion	107	R36/143		$ 400,000	
Yorba Park Phase II	107	R36/143			$ 925,000
Total			$560,000	$9,578,148	$22,470,096
GRAND TOTAL					$32,628,244

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*PLATE NO: R-1 ALISO BEACH PARK ACQUISITION-ANNUAL PAYMENT

Land Acquisition	4061-410-420 (H12099)	$ 51,040
Interest	4061-340	$ 10,960
Total		$ 62,000

In October, 1967, the Board of Supervisors entered into a time purchase acquisition agreement for the 4.1-acre beach property in South Laguna. The agreement provided for an initial payment of approximately $24,000 and annual payments of $62,000 ending October 1, 1980. Budgeted is the tenth annual payment which consists of both principal (account 410-420) and interest (account 340).

*PLATE NO: R-1 ALISO BEACH INLAND DEVELOPMENT

Structures and Improvements	4061-420-420	(H07915)	$250,000

Preparation of a general development plan for the inland area of Aliso Beach Park including possible acceptance of an offer of dedication of in excess of 200 acres of open space land, including Aliso Peak, was intiated and completed in FY 1976-77. Funds are budgeted for the preparation of construction plans and specifications for the improvements recommended in the general development plan as well as funds for the actual construction thereof.

*PLATE NO: R-2 BEACH EROSION CONTROL PROGRAM

Contributions to Other Agencies	4061-310	(H07711)	$193,600

The Federal Government, U. S. Corps of Engineers, operates the Federal Beach Erosion Control Program in Orange County. This program covers the shoreline area from the entrance to Anaheim Bay on the north to the entrance to Newport Harbor on the south. The program is designed to prevent erosion loss of beach sands, or to replenish eroded sands, and is directed at protecting private and public shoreline property from damage by the sea. Under the program, the Federal Government pays 67% of the cost and the local property owners pay 33%. The local property owners' share is prorated in linear feet of beach frontage. The Corps of Engineers proposes a 1978 project, involving placing 1.5 million cu. yds. of sand on the Surfside-Sunset Beach area, estimated to cost $4,000,000. Budgeted is the county's proportional share of the project cost based upon the linear footage of county beach ownership in Sunset Beach and at the Santa Ana River.

*PLATE NO: R-3 BOLSA CHICA REGIONAL PARK ACQUISITION

	4061-410-450	(H12123)	$1,000,000
Land Acquisition	1221-410-609	(H07702)	1,000,000
		Total	$2,000,000

Early in 1977, with introduction of a bill in the State Assembly by Assemblyman Mangers for state acquisition of a large area of the Bolsa Chica lowlands, the Board of Supervisors directed that a study of the feasibility of a linear county regional park linking the City of Huntington Beach Central Park with the State Bolsa Chica project be undertaken. Such a study was completed in May and submitted to the Harbors, Beaches and Parks Commission for review. The commission concurred with the report finding that such a county regional park linkage is feasible and desirable and recommended that the Board of Supervisors budget funds for land acquisition. The amount above represents an appropriation of revenue sharing and Harbors, Beaches and Parks District funds.

*PLATE NO: R-4 CARBON CANYON REGIONAL PARK ACQUISITION

Land Acquisition	4061-410-245	(H12100)	$450,000

The general development plan as approved by the Board of Supervisors for Carbon Canyon Regional Park calls for the acquisition of approximately 200 acres in Telegraph Canyon, a side canyon to Carbon Canyon itself. Initial studies of the land to be acquired were initiated in FY 1976-77, and this appropriation will fund the acquisition of the land. The initial development of this area is anticipated to include basic roadways and utility systems, public restrooms, individual and group picnic and camping facilities and a nature study area.

*PLATE NO: R-4 CARBON CANYON REGIONAL PARK PHASE III

Structures and Improvements	4061-420-120	(H07905)	$140,000

Studies, appraisals and legal descriptions of properties to be acquired in Telegraph Canyon to implement the master plan of general development for Carbon Canyon Regional Park were initiated in FY 1976-77. Acquisition of the Telegraph Canyon lands is expected to consume most of FY 1977-78. Concurrently, it is proposed that first phase construction drawings be prepared in order that construction may begin promptly upon acquisition of the Telegraph Canyon lands. The above $140,000 will provide a set of construction plans and specifications for first phase development consisting of a basic road and utility system, restrooms, youth group camp grounds and nature study areas. Funds for the construction will be requested in FY 1978-79.

*PLATE NO: R-4 CARBON CANYON REGIONAL PARK PHASE IV

Structures and Improvements	4061-420-246	(H07927)	$215,000

The appropriation will match a U.S. Army Corps of Engineers' commitment for a total of $500,000 to develop on Corps' lands, additional improvements to the operating park consisting of night lighting of turf play fields, an interpretive center, expansion of park activity areas into the dam basin, and enlargement of model airplane flying areas.

*PLATE NO: R-4 CARBON CANYON REGIONAL PARK CONCESSION BUILDING

Structures and Improvements	4061-420-247	(H08002)	$65,000

Design of a concession building began in 1976 and construction should begin in fall of 1977. The building will be located adjacent to the park tennis courts and offer quick food, tennis supplies, picnic supplies and similar services.

*PLATE NO: R-5 RONALD W. CASPERS REGIONAL PARK ACQUISITION-ANNUAL PAYMENT

Land Acquisition	4061-410-250	(H12101)	$612,717
Interest	4061-340		75,773
Total			$688,490

In February, 1974, the Board of Supervisors entered into an acquisition agreement for this 5,500-acre park site located in southern Orange County. The agreement provided for an initial payment of $1.5 million and five annual payments of $688,448. Budgeted is the third annual payment which consists of both principal and interest at six percent. The amount of the payment attributable to principal is shown in account 410-250 and the interest charge is budgeted in account 340.

*PLATE NO: R-5 CASPERS REGIONAL PARK PHASE I DEVELOPMENT

Structures and Improvements	4061-420-251	(H07657)	$1,300,000

A schematic development plan of the park was completed in FY 1976-77 and the Board of Supervisors will, in the summer of 1977, select a schematic for implementation.

Following approval of the schematic, a general development plan of the park will be initiated and working drawings on a Phase I development authorized. The above funding reflects a carry-over from 1976-77 of $680,000 which was budgeted as an accumulation of funds towards the park Phase I development.

Supplemented by an additional $620,000, a resultant $1.3 million appropriation will fund Phase I development consisting of a park entry feature, basic utility systems underground throughout the most accessible areas of the park, including water and electricity, paving of roads, establishment of designated campsites, construction of an interpretive center and designation of picnic areas.

*PLATE NO: R-6 CENTENNIAL REGIONAL PARK DEVELOPMENT

Structures and Improvements	4061-420-370	(H0766)	$2,500,000

Of the above amount, approximately $2 million is carried over from the FY 1976-77 budget. Work on a park general development plan by consultant was initiated early in 1976 and was completed in spring of 1977. Preparation of first phase construction drawings is expected to be underway by early 1978, with bidding of construction to occur in the spring of 1978. This project is a joint project of the City of Santa Ana and the Orange County Harbors, Beaches and Parks District and timing depends to some extent on the ability of the city to acquire the entire approximately 110-acre site. The city has part of the land acquired, but is seeking the rest from the Santa Ana Unified School District. The park will be operated by the city with both the city and the district participating in the funding of the operational budget.

*PLATE NO: R-7 CRAIG PARK DEVELOPMENT PHASE IV

Structures and Improvements	4061-420-150	(H08008)	$322,000

Approximately $200,000 of the funding will match a new U.S. Corps of Engineers commitment for a total project of $400,000 to provide night lighting of hard court multi-use play areas, additional protection in the low flow storm channel, overflow parking and bleachers.

Also, $25,000 will fund improvements deleted from the Phase III development contract due to budgetary limitations. These improvements are volleyball posts and footings, benches for baseball dugouts, basketball backstops, ball diamond dugout fencing, little league ball diamond outfield fencing, and an extension of a bicycle path.

Another improvement is drainage channels in the Phase I area to avoid current standing water problems which are rendering areas of existing irrigation systems and bike trails inoperable or unuseable, estimated to cost $85,000.

Lastly, $12,000 is budgeted for a play area improvement in the Phase I area of the park.

* PLATE NO: R-7 CRAIG PARK MAINTENANCE COMPLEX

Structures and Improvements	4061-420-723	(H07595)	$ 22,000

Funds are budgeted for the installation of a vehicle service center, installation of an underground gasoline tank, pump, and island with air and water. Also anticipated is expansion of the maintenance yard, including paving and landscape screening. The above amount includes design of the improvements.

*PLATE NO: R-8 DANA POINT HARBOR COVE BEACH CONCESSION FACILITY

Structures and Improvements	1081-420-132	(H07727)	$ 120,000

In FY 1975-76, and through most of FY 1976-77, an earnest effort was made to work with a perspective lessee for lessee development of certain improvements in the cove-beach area of the harbor, including a quick food facility to serve the beach and the related youth and group activity facility. However, these efforts failed as the lessee felt intensive commercial development, including shops, was necessary to support such a quick food operation. As a result, funds are budgeted for construction of a concession building in the cove-beach area as originally envisioned in the harbor master plan. Concurrent with the design of this building, a concessionaire lease will be bid which will provide that the concessionaire shall finish off the interior of the building and operate this facility for a minimum of five years. In addition to quick food services, the concessionaire will be allowed to rent beach equipment, sell fishing supplies and offer related beach-oriented recreation products.

* PLATE NO: R-8 DANA POINT HARBOR CONVENIENCE DOCK

Structures and Improvements	1081-420-131	(H07726)	$ 25,000

There is no place in the commercial restaurant/shop area of Dana Point Harbor for guest vessels to tie up in order that boaters may patronize these businesses.

Proposed is a modification of a lessee-installed float in the area of Dana Wharf Sportsfishing to provide a gangway connecting the float to the land in order to provide such convenience float services. Concurrently, a lease modification will be processed to give the county control of the convenience float in order that a tie-up time limit may be enforced by the Harbor Patrol. Planned is construction of a walk ramp, modification to the hand rail, and possibly a slight relocation of the existing float and modification thereto to facilitate a reasonable ramp incline and tidal changes.

*PLATE NO: R-8 DANA POINT HARBOR MARINE INSTITUTE

Contributions to Other Agencies	1081-310	(H07730)	$400,000

On February 22, 1977, the Board of Supervisors, in Resolution No. 77-195, authorized expenditure of $400,000 of Dana Point Harbor Tidelands funds on this project. This action followed previous authorization of the board for the establishment of the Institute to be comprised of the County of Orange, the Orange County Board of Education, North Orange County Community College District, Rancho Santiago Community College District, Coast Community District and Saddleback Community College District. The appropriation will be utilized to fund the county's share of the first phase of construction of Institute facilities in Dana Point Harbor. The purpose of the Institute is to develop, operate and maintain public marine-oriented educational, cultural, scientific and recreational facilities and programs with the county's Dana Point Harbor with the first priority to be the construction and operation of a building or building docks and other site improvements to serve the marine science needs of educators, students and the general public.

*PLATE NO: R-8 DANA POINT HARBOR WEST BASIN PUBLIC FACILITIES

Structures and Improvements	1081-420-125	(H07688)	$170,000

By minute order of February 10, 1976, the Board of Supervisors authorized design and construction of public guest slips and convenience docks on parcels 19 and 24 of the West Basin. The design was initiated in FY 1975-76 and completed in FY 1976-77, and a contract for construction of approximately 42 guest slips was awarded early in 1977. Construction of landside improvements, which are designed to support the guest slips as well as serve as a youth and group activity facility, is being held in abeyance pending a planning study of the entire west end of the harbor. This study was authorized by the Board of Supervisors on April 26, 1977, when a commercial lease venture proposed for two parcels was concluded to be undesirable. The study should be completed in summer, 1977, leading to a decision to implement a project sometime in the 1977-1978 fiscal year.

*PLATE NO: R-9 DOHENY BEACH DEVELOPMENT

Structures and Improvements	1081-420-129	(H07725)	$ 20,000

The acquisition of the approximately 4.5-acre beach, a portion of the former Capistrano Beach Club, has been underway since early 1976. In FY 1976-77 preparation of a general development plan for this day-use beach was initiated. A Harbors and Navigation Code hearing will be held to cover maintenance and operation of this beach, with development costs to be funded by the Dana Point Tidelands Budget in FY 1978-79. The above amount will provide for the preparation of construction plans and specifications for improvements

anticipated to consist of a restroom, a lifeguard tower, landscaping, road work and parking, walkways and an improved railroad grade crossing.

*PLATE NO: ENGINEERING BUILDING MODIFICATIONS

Structures and Improvements	4061-420-755	(H007923)	$ 17,340

The former administrative, operations, and design staff of the Harbors, Beaches and Parks District is now reorganized into the Environmental Management Agency, Development Division, in the County Engineering Building. The reorganization included a physical move of the former district files into EMA Central Files. This move, coupled with the consolidation of former Road Department and Flood Control District files, makes a remodeling of the Central Files office space necessary. The appropriation is the Harbors, Beaches and Parks District's share of the proposed remodeling.

*PLATE NO: R-10 FAIRVIEW REGIONAL PARK ACQUISITION

Land Acquisition	4061-410-270	(H12102)	$123,195
Interest	4061-340		166,963
Total			$290,158

In February, 1973, the Board of Supervisors entered into an acquisition agreement for this 257-acre park site located in the City of Costa Mesa. The agreement provided for 20 annual payments of $290,157. Budgeted is the fifth annual payment which consists of both principal (account 410-270) and interest at 5.5% (Account 340).

*PLATE NO: R-10 FAIRVIEW REGIONAL PARK PHASE I

Structures and Improvements	4061-420-271	(H07658)	$3,410,000

The appropriation reflects a carry-over of $1.3 million budgeted in FY 1976-77 as an accumulation of funds for Phase I development supplemented by additional funding in FY 1977-78 which will fund preparation of construction plans and specifications and Phase II construction. In FY 1976-77, a general development plan for the park was completed and working drawings and construction documents initiated for Phase I development. Concurrently, an agreement was entered into with the City of Costa Mesa wherein the city would dedicate two city-owned parcels for incorporation into the regional park, as well as contribute $250,000 of city park bond funds plus a 1974 state bond fund grant of $230,000 to the development of the park. The appropriated amount above reflects the city contribution. Phase I development is anticipated to include a lake and streams, grading (including placement of an earth cover over archaeological deposits for the preservation thereof),

construction of a historical interpretive center and park office and entry complex, restrooms, roadway and parking area, nature areas of a marsh and woodland setting, picnic facilities, bicycle trails and equestrian linkages to the Santa Ana River Trail system, night lighting and underground utility systems. It is anticipated the park will open for public use late in 1978.

*PLATE NO: R-11 FEATHERLY PARK PICNIC AREA CONVERSION

Structures and Improvements	4061-420-121	(H07680)	$425,000

Featherly Regional Park has experienced capacity camping crowds for the last several years. With the completion of nearby Yorba Regional Park, the day-use picnic area could be converted to a camping use thus helping to meet the camping demands and shifting some day-use demand to the Yorba Park facility. Funds were budgeted in the 1976-77 fiscal year for study of the feasibility of such an alteration in park usage patterns and the improvements or modifications necessary to accommodate the expanded camping use. A study is underway in conjunction with environmental analysis and will be submitted to the Board of Supervisors for approval. It is anticipated that approximately one-half of the 40-acre day-use picnic area of Featherly park can be converted to a camping use by installation of campsites and modification of park restrooms to provide additional service and showers for campers. The appropriation shown above will fund preparation of construction drawings for this work and actual construction which will result in additional campsites. It is anticipated the construction work can be let to bid in late winter or early spring of 1978 with completion by year's end.

*PLATE NO: R-11 FEATHERLY REGIONAL PARK REVISIONS FOR HANDICAPPED

Structures and Improvements	4061-420-737	(H07600)	$ 20,000

Improvements consist of altering the interior partitioning of restroom facilities to accommodate the physically handicapped utilizing wheelchairs. Changes to the plumbing are planned and some additional equipment such as grab-bars and paved ramps leading to the above-grade restroom floors would be installed.

*PLATE NO: R-11 FEATHERLY REGIONAL PARK PLAY AREA

Structures and Improvements	4061-420-718	(H07592)	$15,000

A play area is to be constructed consisting of a large play structure made of timber bolted securely together with climbers, a pole slide, regular slide, crawl-through holes and swinging equipment. The play area is to

be enclosed in a concrete border or walkway with viewing benches or seat walls along the perimeter.

*PLATE NO: R-12 IRVINE PARK EXTENSION

Land Acquisition	4061-410-310	(H12103	$300,000

The general development plan for Irvine Park is expected to show that in order to construct improvements to control flooding of Santiago Creek, acquisition of lands upstream of the existing easterly park boundary is necessary. This appropriation will fund said acquisition.

*PLATE NO: R-12 IRVINE PARK PHASE II DEVELOPMENT

Structure and Improvements	4061-420-153	(H07677)		$350,000
Contributions to Other Agencies	1221-310-501	(Ho7694)		24,500
			Total	$374,500

Improvements to the new expansion park area consisting of two restrooms, parking areas, lighting and utility service to an equestrian center site are planned. The project was advertised for construction bids in May, 1977, but only two bids were received both of which were in excess of 40% over budget. The bids were rejected and the project is planned to be re-bid in late summer of 1977 in what is believed to be a more favorable bidding climate.

*PLATE NO: R-12 IRVINE PARK REDEVELOPMENT

Structures and Improvements	4061-420-110	(H07669)	$2,000,000

The ravages of the 1969 flood which saw Santiago Creek destroy much of the improved area of Irvine Park, as well as over-use of the park over many years, has impacted Irvine Park negatively resulting in a deterioration of the park and its priceless native Oak and Sycamore tree groves. In recognition of this a general development plan for Irvine Park was initiated in FY 1976-77 and completed. The plan will provide for some flood control protection along Santiago Creek, certain improvements including a new road system with designated parking areas and construction of vehicle barriers to prevent vehicles from driving up under Oak and Sycamore trees thus compacting the soil and injuring the trees, and reclaiming some lands lost to the '69 flood through erosion. It is expected that in FY 1976-77 preparation of construction plans and specifications for the redevelopment will be initiated. Funds are now budgeted for the actual construction work. The above amount includes approximately $600,000 carried over for this project from the 1976-77 fiscal year.

*PLATE NO: R-13 KATELLA OPERATIONS CENTER

Structures and Improvements	4061-420-900	(H07924)	$8,000

The Environmental Management Agency Operations headquarters is located near Katella Avenue at the Santa Ana River in Anaheim and is commonly called the Katella Yard. The consolidation of the operations forces of the formerly independent Flood Control District, Road Department and Harbors, Beaches and Parks District at the Flood Control District's Katella Yard, coupled with increased numbers and acreages of facilities to operate and maintain, necessitates construction of additional structures at the yard. The appropriation above will fund that portion of the design to be borne by the Harbors, Beaches and Parks District.

*PLATE NO: R-14 KEY RANCH ACQUISITION

Land Acquisition	4061-410-382	(H12104)	$125,000

The George Key Ranch home and grounds, approximately two acres, represents late 19th century Orange County agricultural life and typifies the turn of the century citrus industry. On December 17, 1975, the Board of Supervisors authorized the acquisition of the ranch located in Placentia. Negotiations with the owner/ residents, Mr. and Mrs. George Key, have been underway since late 1976, with an appraisal completed early in 1977. Acquisition by means of a life estate may be feasible. Tentative approval has been received of a $62,500 National Historic Preservation Act grant for the project, and $62,500 is also available from the 1974 State Beach, Park, Recreation and Historical Facilities bond act. Once acquired, the ranch and accumulated antiques and collections will afford an outstanding historic experience to visitors to the site.

*PLATE NO: R-15 LAGUNA LAKES REGIONAL PARK

Land Acquisition	4061-410-350	(H12105)	$1,000,000

The 1973 update of the Master Plan of Regional Parks (Amendment No. 3) listed this approximately 220-acre site for acquisition between 1972 and 1980. In addition, an approximately 240-acre adjacent site, Sycamore Hills, was listed as an alternative acquisition. A study was initiated in FY 1976-77 to determine the best configuration of the park site. The study was complicated by the precise alignment study of the coastal transportation corridor to traverse this area. As a result, the park configuration and transportation corridor study efforts are being closely coordinated. The study should result in identification of a logical park site, reflecting the transportation corridor alignment. The above funding is carry-over from FY 1976-77.

*PLATE NO: R-16 LAGUNA NIGUEL ASPHALT TRAIL

Structures and Improvements	4061-420-181	(H07675)	$25,000

Continuation of an asphalt trail around the regional park lake is budgeted. The first phase of the trail, designed to accommodate bicycle traffic and provide fishing access to the lake shoreline for the handicapped, was developed in FY 1976-77. The trail budgeted in FY 1977-78 is designed to complete a loop around the east and north side of the lake. The initial increment of this project will require some filling of a small reach of lake shoreline to allow the trail to continue along the lake perimeter. Design of this fill will include analysis of the possibility of constructing a platform on a concrete bulkhead into the lake to provide a site for fishing by the handicapped.

*PLATE NO: R-16 LAGUNA NIGUEL IRRIGATION CONVERSION

Structures and Improvements	4061-420-724	(H07596)	$60,000

Contemplated as part of this project is the installation of pumps, inlet works and supporting facilities to convert the present irrigation systems from domestic water to use of water from the lake in the park. This will provide for effective recycling of rain and drainage water and some turnover of lake water thus improving water quality.

*PLATE NO: R-16 LAGUNA NIGUEL REGIONAL PARK PHASE II DEVELOPMENT

Structures and Improvements	4061-420-182	(H07907)	$450,000

Due to the growing popularity of the park, funds are budgeted to plan and complete improvements envisioned in the general development plan of the park as approved by the Board of Supervisors. Additional parking areas for automobiles are to be developed, as is a large group picnic facility. Also to be included in the development, while not envisioned in the original park general development plan but proven necessary by strong demand for youth group overnight camping, are certain youth group oriented camping improvements at the easterly end of the park near the Sulphur Creek outlet into the park lake. These improvements include outdoor cooking facilities, campfire ring and small amphitheater. Lastly, a play equipment installation, estimated to cost $14,000 and designed in the spring of 1977, is included. Of the above amount, $146,000 is rebudgeted from FY 1976-77.

*PLATE NO: LAND ACQUISITION (UNDESIGNATED)

Reserve for Land	4061-410-000	(H12106)	$2,000,000

This amount represents a reserve in the land acquisition account of the Harbors, Beaches and Parks District. It is used to fund opportunity acquisitions that arise during the fiscal year, and can also be used to supplement other project funds when costs have escalated above the appropriated amount. With the rapid escalation of land values in Orange County, the appropriation of this amount is deemed advisable. If the funds are not expended during the fiscal year, they may be rebudgeted and appropriated to specific projects in future fiscal years.

*PLATE NO: R-17 LOS ALAMITOS BASIN REGIONAL PARK GDP

Structures and Improvements	4061-420-240	(H07909)	$60,000

The Los Alamitos Basin, partially consisting of a retarding basin owned by the Orange County Flood Control District, is identified as a potential 77-acre regional park site in the Orange County Master Plan of Regional Parks. The retarding basin portion of the site situated in western Orange County is subject to occasional inundation from peak storm flows. Nevertheless, the site may be developable for park and recreational purposes, either in its present configuration or as modified through grading operations involving acquisition of additional properties to provide some areas not subject to inundation yet without reducing the flood control capacity of the basin. The funds budgeted are for preparation of a general development plan to evaluate recreation opportunities of the site and acquisition opportunites for expansion of the existing acreage to enhance recreation opportunites, as well as a soil analysis evaluation to determine if the site can accommodate typical park landscaping improvements. The general development planning effort would be undertaken by contract to an architectural/engineering firm.

*PLATE NO: R-18 LOS COYOTES REGIONAL PARK DEVELOPMENT

Structures and Improvements	4061-420-231	(H07654)	$2,560,000

In FY 1976-77, a schematic development plan including a scientific inventory of the site for paleontological value determination will be completed and a general development plan and construction plans and specification preparation initiated. Also in FY 1976-77, $1.8 million in development funds were appropriated as an initial accumulation of funds for the development of the park site. Additional funding is added for FY 1977-78 for a total development budget of $2.56 million. Construction plans and specifications should be completed by the end of 1977, with bidding of construction and award of contract anticipated for early 1978. This will result in an opening of a high activity day-use park, scientific interpretive center

with emphasis on the site's paleontological values, and youth-group camping facilities in the fall of 1978. An agreement is being negotiated with the cities of Buena Park and Fullerton for the development and operation of the park which lies partially in each city. The agreement will cover such items as water, police and fire service. Funding of the above appropriation will be partially derived from a 1974 State Bond grant and a Federal Land and Water Conservation Fund grant.

*PLATE NO: R-19 LOWER SANTIAGO REGIONAL PARK ACQUISITION

Land Acquisition	4061-410-320	(H12107)	$1,000,000

Lower Santiago Regional Park is identified as an approximately 670-acre park site stretching along Santiago Creek downstream of Villa Park Dam. The Board of Supervisors has previously authorized acquisition of a portion of this land, namely the Blome, Rinker and Conrock parcels. Other parcels have been acquired by the Orange County Flood Control District. It is expected that in 1977 the Board of Supervisors will authorize preparation of a general development plan for the park, including a precise identification of lands to be acquired for the park and a priority authorization of said acquisitions. The appropriation above, which is totally a carry-over of FY 1976-77 funds, provides for acquisition of some of these lands as well as their related acquisition costs. It is anticipated this money will again be carried over to the 1978-79 fiscal year, except for a few acquisition opportunities, as the general development planning process is anticipated to take all of 1977 and part of 1978 and the acquisition process at this time is a minimum of 18 months.

*PLATE NO: R-19 LOWER SANTIAGO REGIONAL PARK DEVELOPMENT

Structures and Improvements	4061-420-410	(H07914)	$ 750,000

This appropriation is a continuation of an accumulation of funding for the development of the 600+-acre park site. Of the above amount, approximately $300,000 is carried over from FY 1976-77. During the 1976-77 fiscal year, a general development planning study of the entire park site is expected to be initiated, as is preparation of construction plans and specifications for certain improvements on the Blome and Rinker properties portion of the park site. The above appropriation reflects the construction of the Blome and Rinker improvements, particularly bringing in a dependable water supply and construction of a restroom and improvement of irrigation systems and related work, as well as the accumulation of funds for ultimate development of the entire regional park.

*PLATE NO:R-20 WILLIAM MASON PARK PHASE III DESIGN

Professional Services	4061-420-144	(H07926)	$90,000

Funds are appropriated for an update of the park general development plan (GDP) and preparation of construction plans and specifications for Phase III of the park. The Phase III area, bordered by University Drive and Culver Avenue, consists of an estimated 85 acres. The general development plan update will reflect changing recreation trends and demands since xhe GDP was prepared in the early 1970's and a City of Irvine request for a teen center site in the regional park.

*PLATE NO: R-21MILE SQUARE REGIONAL PARK PHASE IV DEVELOPMENT

Structures and Improvements	4061-420-133	(H07647)	$870,000

A general development plan for the Phase IV area of Mile Square Regional Park, including the center air field area which is presently operated by the county under permit from the Federal Government, was initiated in FY 1976-77. Also included was preparation of an economic feasibility study to identify commercial recreation lease opportunities. The above funds are intended to fund preparation of construction drawings and specifications for the Phase IV area exclusive of the center air field and including provision of basic road systems and utilities to the commercial recreation lease area, an expanded maintenance building and accumulation of funds for development. It is anticipated that the construction drawings and specifications can be prepared during FY 1977-78 in order that the actual construction can be bid early in the 1978-79 fiscal year. Concurrent with preparation of the construction plans and specifications, commercial lease documents will be prepared in order that a lease may be bid concurrently with the construction. Also included in the appropriation are funds for the abandonment of a water well which serves the park, the well pumphouse presently protruding into the parking lane of Euclid Avenue.

MISCELLANEOUS PARK MODIFICATIONS

Structures and Improvements	4061-420-000	(H07904)	$100,000

This appropriation will be utilized to fund improvements to existing regional recreation facilities as needs are identified throughout the fiscal year and to absorb change order costs for construction contracts encumbered in FY 1976-77.

*PLATE NO: R-22 MONTANEZ ADOBE

	0169-600		$15,000
Structures and Improvements	1221-420-593	(H07698)	39,770
		Total	$54,770

On December 17, 1975, by Resolution No. 75-1771, the Board of Supervisors authorized negotiations for acquisition of this San Juan Capistrano adobe. Actual acquisition may be completed by the end of FY 1976-77. A general development plan for the restoration operation for the adobe was also begun in the 1976-77 fiscal year. The above funds represent the remainder of revenue sharing funds allocated to the project carried over from the 1976-77 fiscal year. The above funding includes a housing and community development (HCD) grant of $15,000 which may be used for acquisition or development.

*PLATE NO: R-23 NEWPORT HARBOR HEADQUARTERS FLOATING DOCKS

Structures and Improvements	1061-420-101	(H07681)	$140,000

This project consists of removing 17 deteriorated floating docks at the Newport Beach Harbor Patrol Headquarters, the majority of which have been in place for over 20 years, and replacing them with 23 new boat sets. The project includes relocating and replacing the existing boat holding tank pump-out station which has been unreliable and located in an inconvenient location. The project was budgeted in the 1976-77 fiscal year but could not be implemented due to delays in obtaining necessary permits from the Santa Ana Regional Water Quality Control Board. The Regional Water Quality Control Board was very concerned about boat pollution of Newport Harbor waters and required a modification of the guest slip rental agreement, some of the proposed slips being available for overnight guest use. Such modification has occurred with the approval of the Water Quality Control Board and the project should be underway by fall of 1977.

*PLATE NO: R-24 OLD SANTA ANA REGIONAL PARK

Structures and Improvements	4061-420-301	(H07910)	$1,350,000

Old Santa Ana Regional Park is depicted in the Master Plan of Regional Parks as existing along the Santa Ana River from Ball Road upstream to northerly of Lincoln Avenue. During 1975 and 1976, much of the area was acquired by the Orange County Water District and developed as a water percolation project. The Water District, the Orange County Harbors, Beaches and Parks District and the City of Anaheim are expected to enter into a jointly funded study early in 1977 for the entire area to determine if the water percolation facilities could be developed to offer recreation opportunities and whether said opportunities are of a regional and/or local significance. This planning effort is expected to be completed by the end

of 1977. The $50,000 will provide for the preparation of construction drawings and specifications should the facility be found to offer a regional recreation potential. The balance of the funds shown are in a reserve account to be used for the first phase of construction in FY 1978-79. Of this amount, approximately $610,000 will be reimbursed to the district under two separate Federal Land and Water Conservation Fund grants. From a cash flow standpoint, this reimbursement is anticipated to be realized in FY 1978-79.

*PLATE NO:R-24 OLD SANTA ANA REGIONAL PARK GENERAL DEVELOPMENT PLANNING

Contributions to Other Agencies	4061-310	(H07712)	$10,000

Old Santa Ana Regional Park is depicted in the Master Plan of County Regional Parks as existing along the Santa Ana River from Ball Road upstream to northerly of Lincoln Avenue. Presently, much of the area is under development by the Orange County Water District as a water percolation project. The Board of Supervisors has authorized preparation of an agreement between the Water District, the City of Anaheim and the Orange County Harbors, Beaches and Parks District for the studying of this area to determine if it can be put to a multiple water percolation recreational use, and, if so, whether that recreational use will be of a regional or city nature. The appropriation will fund the Harbors, Beaches and Parks District's share of the general development planning effort cost.

*PLATE NO: R-25OLINDA OFF-ROAD VEHICLE PARK

Structures and Improvements	1291-190	$112,663

Initial studies in FY 1976-77 disclosed potential difficulties in creating public recreational access to the site. As a result of this potential problem, as well as other developments in the area including the City of Brea's effort to acquire nearby land in excess of 1,000 acres for park purposes, the Board of Supervisors, in FY 1976-77, authorized preparation of a comprehensive general development plan for the region including close coordination with the city and other affected agencies as well as the property owners of the area. This study is expected to be completed in 1978 and, if the off-road vehicle facility is found to be feasible, first phase construction drawings can be undertaken utilizing a portion of the above funds. Actual construction of the off-road vehicle park facilities is not anticipated until the 1978-79 fiscal year at the earliest.

*PLATE NO: R-26 O'NEILL PARK ACQUISITION

Structures and Improvements	4061-410-322	(H12108)	$200,000

The general development plan for O'Neill Park proposes that the park be expanded down Trabuco Canyon for approximately one mile to acquire this scenic Oak woodland and riparian setting for preservation and recreational use. The plan discloses this reach to be rich in wildlife habitat as well. It is expected that the Board of Supervisors will refer this acquisition recommendation to the EMA Project Plans group for consideration in the Trabuco Environs study, covering the entire drainage area of upper Trabuco Creek. The study, in turn, is expected to reflect the proposed acquisition. The above funds should facilitate acquisition of some of this acreage.

*PLATE NO: R-26 O'NEILL PARK REDEVELOPMENT

Structures and Improvements	4061-420-160	(H07670)	$950,000

A general development plan for O'Neill Regional Park was completed in FY 1976-77. The tentative plan is to establish a park capacity as the park suffers from the impact of overuse which has resulted in a deterioration in the health of the native Oak and Sycamore groves in the park. Also provided in the plan is a reclamation of some lands lost to flooding of Trabuco Creek in 1969 and some flood protection along the creek for the park. Establishment of designated campsites, an improved road parking system and a nature interpretive center are also a part of the plan. Funds budgeted are for the construction of Phase 1 and represent a carry-over from FY 1976-77 of approximately $600,000.

*PLATE NO: R-27 PAULL PARK

Structures and Improvements	4061-420-400	(H07622)	$235,000

This project will be situated on county-owned land immediately adjacent to the Santa Ana River at Garden Grove Boulevard. Design of this trail access, egress, and rest stop facility began in FY 1976-77 and will lead to construction consisting of vehicle parking, equestrian and bicycle trails and rest stop, restroom landscape, picnic areas, night lighting and security fencing. The project will provide a major access to the Santa Ana River trail system and will be funded by the Harbors, Beaches and Parks District utilizing its tax revenues as well as a SB-174 State Urban Park Grant of $160,000 and an estimated $15,000 contribution from the operators of an adjacent golf course for construction of a restroom which will be shared by golfers and trail and park visitors.

*PLATE NO: R-28 PERALTA ADOBE PRESERVATION

Structures and Improvements	4061-420-380	(H07667)	$75,000

In FY 1975-76, the Board of Supervisors ordered the acquisition of this structure and approximately one acre of land located in Santa Ana Canyon. Actual acquisition is expected to occur early in 1977. Restoration work will be accomplished in conjunction with the development of an adjacent shopping center as a joint project with the shopping center developer and will include demolition of more recent and non-historic structural additions to the adobe, clean-up of the site, creation of a protective roof canopy and security fencing, an access driveway and pay parking area, interpretive exhibit and appropriate landscaping. It is anticipated the facility will be self-guiding and staffing is not planned except for scheduled maintenance. $72,000 of the above amount is a carry-over from FY 1976-77.

*PLATE NO: R-29 PETERS CANYON RESERVOIR REGIONAL PARK ACQUISITION

Land Acquisition	4061-410-360	(H12109	$1,000,000

Peters Canyon Reservoir Regional Park is a Priority Group 1 site in the Master Plan of Regional Parks consisting of approximately 400 acres. A precise park configuration study was undertaken in FY 1976-77 and is expected to result in a linear park site different from that envisioned in the master plan for several reasons. The three principal reasons are: (1) a desire to preserve the scenic and recreational opportunities of Peters Canyon itself; (2) a desire to link the site to Irvine Regional Park; and (3) the acquisition of a portion of the site by Rancho Santiago Community College District for construction of a junior college. An appraisal of the site will be initiated and completed by fall of 1978. The above amount reflects a continued accumulation of acquisition funds.

*PLATE NO: R-29 PETERS CANYON RESERVOIR REGIONAL PARK

Structures and Improvements	4061-420-331	(H07911)	$200,000

For a complete description of the Peters Canyon Reservoir Regional Park site project see the immediately preceding narrative. In conjunction with the acquisition efforts, preparation of a general development plan for the park will be accomplished utilizing a portion of the appropriation above. The general development plan is to reflect designated trail and highway alignments through Peters Canyon, as well as recreation opportunities which can be developed in conjunction with the adjacent junior college. An agreement will be proposed between the county and the junior college district for joint planning of the college and park sites.

*PLATE NO: R-30 SANTA ANA RIVER ENVIRONMENTAL PLAN

Structures and Improvements	1221-420-505 (H07701)	$138,421

This revenue sharing appropriation is the remainder of an initial appropriation for developing the Santa Ana River trail system and related landscape improvements. Much progress has been made. The above funds will be utilized to fund development of the Riverdale Rest Stop on the river trail in the vicinity of Imperial Highway. A portion of this appropriation may also be combined with the appropriation for development of Phase II of Yorba Regional Park to fund construction of a bike and equestrian trail on the north bank of the river from Imperial Highway to Yorba Park thus connecting the park to the river trail system.

*PLATE NO: R-30 SANTA ANA RIVER EQUESTRIAN TRAIL

Land Acquisition	4061-410-291 (H12110)	$ 50,000

A two-way, 10-foot-wide equestrian trail is to be constructed from Imperial Highway to the Orange County line. This will complete the trail along the Santa Ana River within the county. The funds shown above will be utilized to acquire two sections of the right-of-way for the trail: (1) between Yorba and Featherly Parks; and (2) from Featherly Park east to the county line.

*PLATE NO: R-31 SANTIAGO CREEK CONNECTOR TRAIL

Land Acquisition	4061-410-800 (H12111)	$ 12,500

A system of regional hiking and riding trails in the Anaheim Hills area has been dedicated to the Orange County Harbors, Beaches and Parks District. The above funds will provide for the acquisition of right-of-way to link this sytem to the trail system being developed along Santiago Creek. Prior to acquisition, a planning study and surveys will be needed.

*PLATE NO: R-23 SEA SCOUT BASE CONTRIBUTION

Contribution to Other Agencies	1061-310 (H07720)	$442,752

The Board of Supervisors in 1977 committed to the contribution of the above amount for the redevelopment of the Newport Harbor Sea Scout Base, which is located on county tidelands, subject to the scouts raising the balance of the estimated $1.1 million construction costs. This appropriation will fund the county contribution.

*PLATE NO.R-32 SERRANO REGIONAL HISTORIC VILLAGE DEVELOPMENT

Structures and Improvements	4061-420-384	(H07671)	$450,000

Implementation of the general development plan prepared in FY 1975-76 for the Serrano Regional Historic Village began late in 1976 with the moving of St. George's Episcopal Church and the El Toro Schoolhouse to the historic village site. A contract for construction of the village site including landscaping and permanent positioning of the buildings is planned to be let early in 1978. The above funds, a partial carry-over from the 1976-77 fiscal year, are budgeted for that contract as well as to retain an interior historic restoration specialist to search for and purchase authentic furnishings and equipment for the interior of the buildings and structural refurbishment of the interiors, including painting and protective coatings.

*PLATE NO:R-33 SUNSET AQUATIC PARK PHASE II DEVELOPMENT

Structure and Improvements	4061-420-680	(H07589)	$400,000

The proposed improvements include 28 additional boat slips, permanent patrol office, sanitary holding tank pump-out station, wildlife observation area, overnight camping area (to be developed by the lessee of the marina) and other public facilities. In FY 1975-76, it was decided to combine this project with the Sunset Harbor maintenance dredging project due to the related physical proximity and interrelationship of required environmental analysis and the relationship of the dredge disposal area to the Phase II development. An EIR was initiated in the summer of 1976 and is to be completed in 1977. The plan can then be processed to the Board of Supervisors and various state and federal regulatory agencies with preparation of construction plans and specifications processed concurrently. Actual construction is anticipated to begin in the first half of FY 1977-78. Of the above amount, $200,000 is carried over from FY 1976-77. The $400,000 will be reimbursed from a 1974 State Bond Act grant. The reimbursement cash flow is expected in FY 1978-79.

*PLATE NO:R-34 SUNSET BEACH WATER TOWER PRESERVATION

Contributions to Other Agencies	4061-310	(H07713)	$12,000

The Board of Supervisors, on May 24, 1977, authorized preparation of an agreement with the City of Huntington Beach and the City of Seal Beach to facilitate preservation of the wooden water tower in Sunset Beach as a historical structure. The agreement provides for the owner of the tower, Huntington Beach, to deed the tower and the land upon which it is located to the City of Seal Beach. The county is to fund the structural restoration of the tower and tank after which the City of Seal Beach will operate and maintain the structure as a historical project. The appropriation of $12,000 provides for the county's contribution for the structural restoration.

*PLATE NO: R-33 SUNSET HARBOR OVERDREDGING

Structures and Improvements	4061-420-682	(H07618)	$350,000

In Resolution No. 75-977 the Board of Supervisors authorized certain steps toward maintenance dredging adjacent to Sunset Aquatic Park to eliminate sediment causing a hazard to navigation and overdredge the area to allow for future siltation deposits. Action authorized involved negotiations with a private landowner and the State Lands Commission to adjust ownership boundaries and structure future maintenance responsibilities. This work was initiated in FY 1975-76 in conjunction with environmental analysis and application for dredging permits from the Army Corps of Engineers. It is anticipated the dredging work can be accomplished in FY 1977-78 in conjunction with or just prior to development of Phase II of the harbor project if the ownership adjustment negotations are successfully completed.

*PLATE NO: R-35 TALBERT PARK DEVELOPMENT PLANNING

Structures and Improvements	4061-420-362	(H07912)	$200,000

With the spring of 1977 acquisition of approximately 136 acres of this site, preparation of a general development plan (GDP) is proposed. The GDP, to be undertaken by an architectural/engineering firm, will have to reflect the impact of the Santa Ana River channelization project planned by the U.S. Army Corps of Engineers and will cover the entire approximate 830 acres of the ultimate park site as identified in the Master Plan of Regional Parks, identifying land ownerships and estimated acquisition costs and recommending acquisition and development priorities. The above amount will fund the GDP effort, including environmental analysis, archaeologic and paleontologic surveys, soils tests and related analytical studies.

*PLATE NO: WATER PURITY LABORATORY

Structures and Improvements	4061-420-901	(H07925)	$ 7,050

The existing EMA water purity laboratory will be expanded from approximately 2400 square feet to 3200 square feet. The expansion will provide for an electronic instrument room, valence room, lab bench space, equipment storage, refrigeration area, office cubicles and library. The laboratory is used to analyze water samples from EMA park lakes and streams harbor waters and flood control channels. The total estimated project cost is $145,000, with the above appropriation for design in 1977-78 to fund the proportionate share (47%) of the Harbors, Beaches and Parks District and with the Flood Control District to fund the balance (53%) of the project cost.

*PLATE NO: R-36 YORBA REGIONAL PARK EXPANSION

Land Acquisition	4061-410-371	(H12113)	$400,000

A parcel of land owned by the City of Anaheim separates Yorba Regional Park from the ultimate boundaries of Featherly Regional Park. The city has indicated a willingness to sell the parcel. The funding will provide for the acquisition thus providing a continuous link of county recreation and preservation opportunities in the floor of Santa Ana Canyon over five miles in length. A portion of the acquisition may be funded by road/gas tax funds.

*PLATE NO: R-36 YORBA REGIONAL PARK PHASE II

Structures and Improvements	4061-420-372	(H07913)	$925,000

Phase II design and construction of Yorba Regional Park will be undertaken to further develop this approximately 168-acre water-oriented regional park located in Santa Ana Canyon. The first phase of the park, consisting of approximately 120 acres, opened for public use in December of 1976. The Phase II design and development will provide for construction of the easterly and westerly portions of the park adding an additional lake, trail system, more picnic areas, including a group picnic facility, and a landscape extension of the park westerly along the Santa Ana River to Imperial Highway. Preparation of construction plans and specifications will be initiated early in the fiscal year in order that actual construction may be let to bid by winter of 1977, resulting in completion of park improvements by fall of 1978 in time for the heavy-use spring and summer season.

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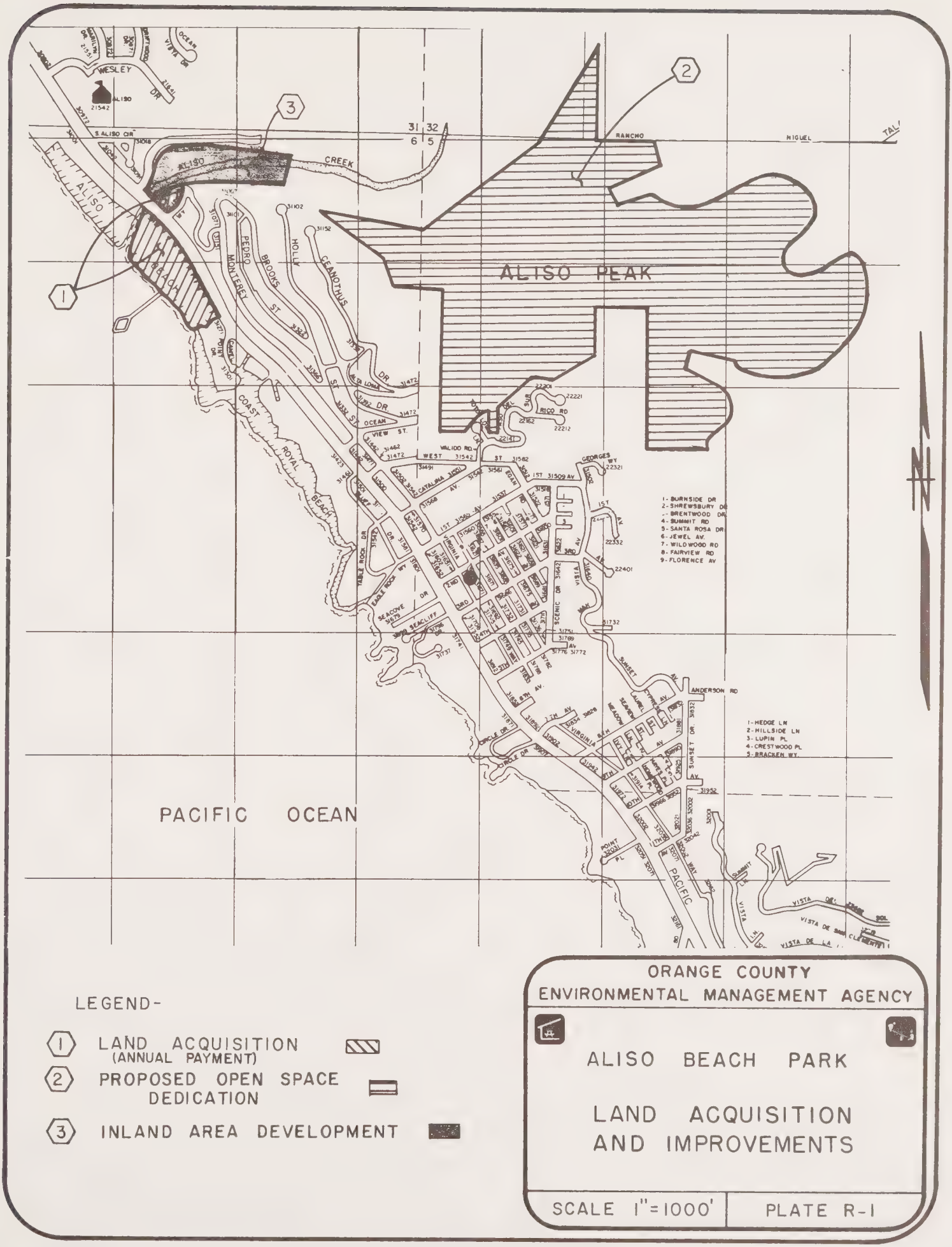


LEGEND-

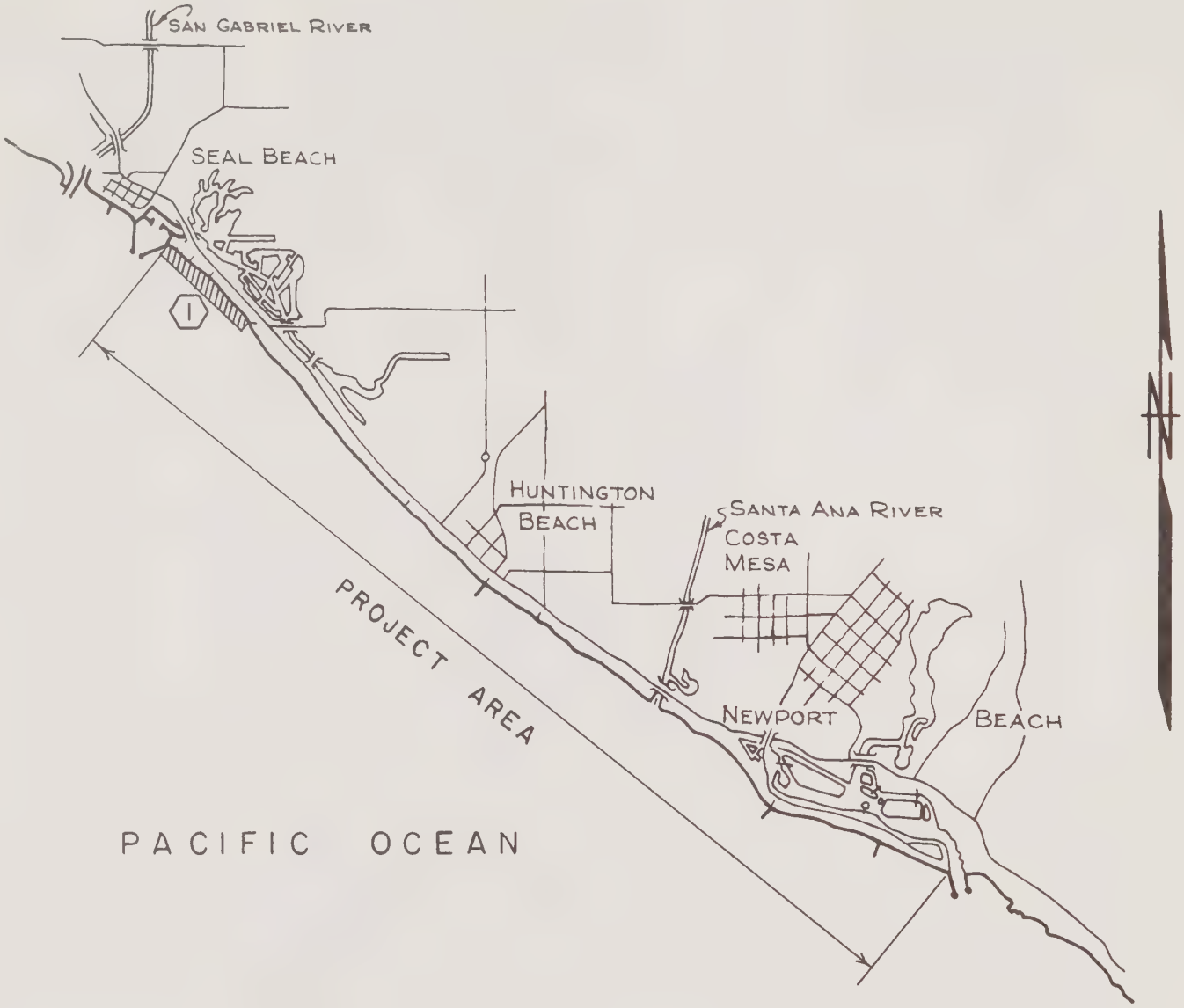
1. LAND ACQUISITION (ANNUAL PAYMENT)
2. PROPOSED OPEN SPACE DEDICATION
3. INLAND AREA DEVELOPMENT

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

ALISO BEACH PARK

LAND ACQUISITION AND IMPROVEMENTS

SCALE 1"=1000' | PLATE R-1



LEGEND :

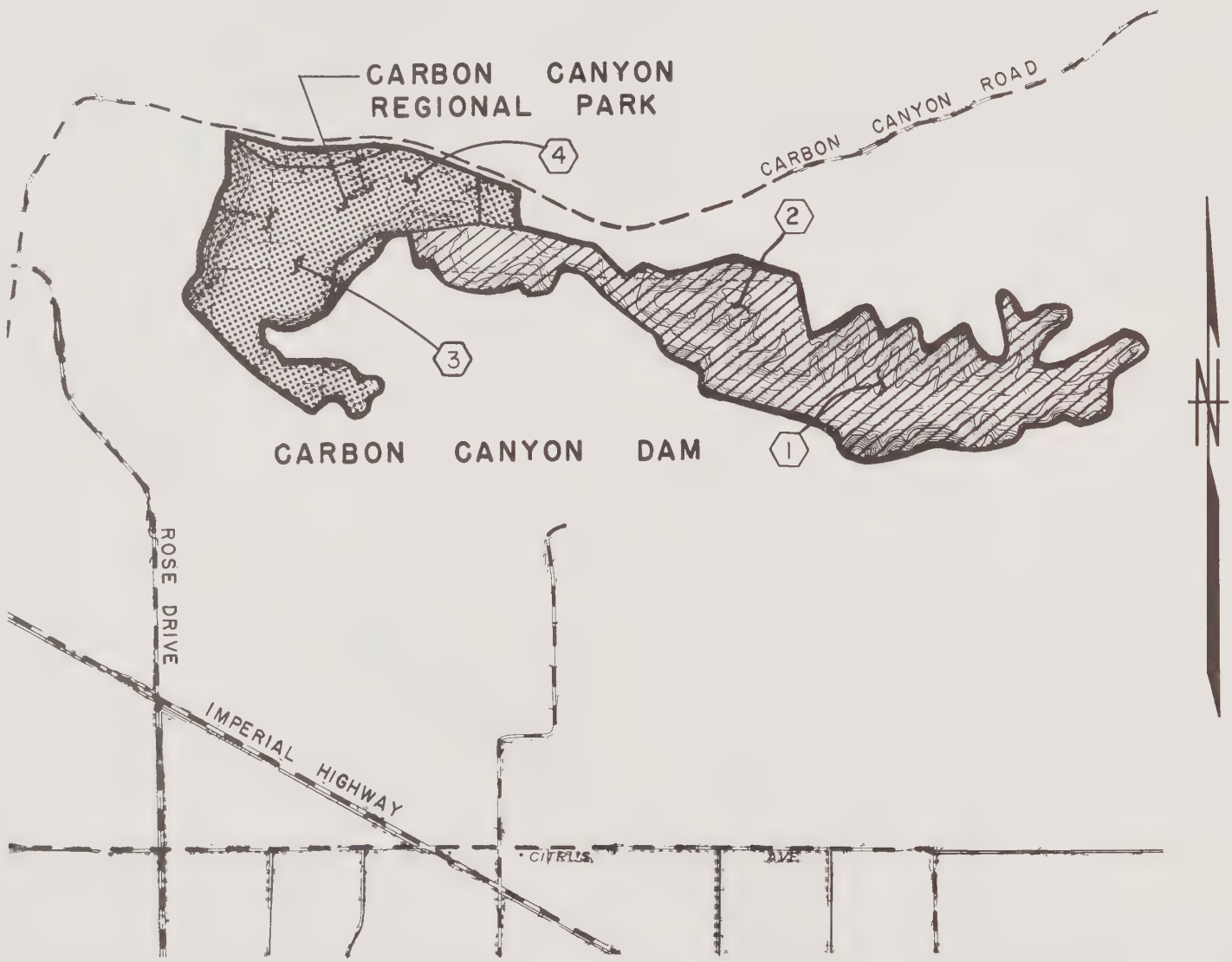
(1) SAND REPLENISHMENT PROJECT

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

BEACH EROSION CONTROL PROGRAM

SCALE: 1" = 2.5 MI. | PLATE R-2

HUNTINGTON BEACH
CENTRAL PARK
EDWARDS ST
SPRINGDALE ST
GRAHAM ST
BOLSA CHICA ST
HUNTINGTON BEACH
WARNER AVE
SLATER AVE
ELLIS AVE
GARFIELD AVE
TALBERT AVE
LOS PATOS AVE
WARNER AVE
ELDORADO
CONTROL
TUNNEL
AIRPORT
Oil Wells
Oil Sumps
Pipe Line
Dike
Ponds
BAY
ELECTRIC
La Bolsa Chica Gun Club
BM 1
BM 2
BM 3
PACIFIC
OCEAN
LEGEND:
APPROXIMATE MAXIMUM
PARK BOUNDARY
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
BOLSA CHICA
REGIONAL PARK
ACQUISITION
SCALE: 1"=2000'
PLATE R-3



LEGEND-

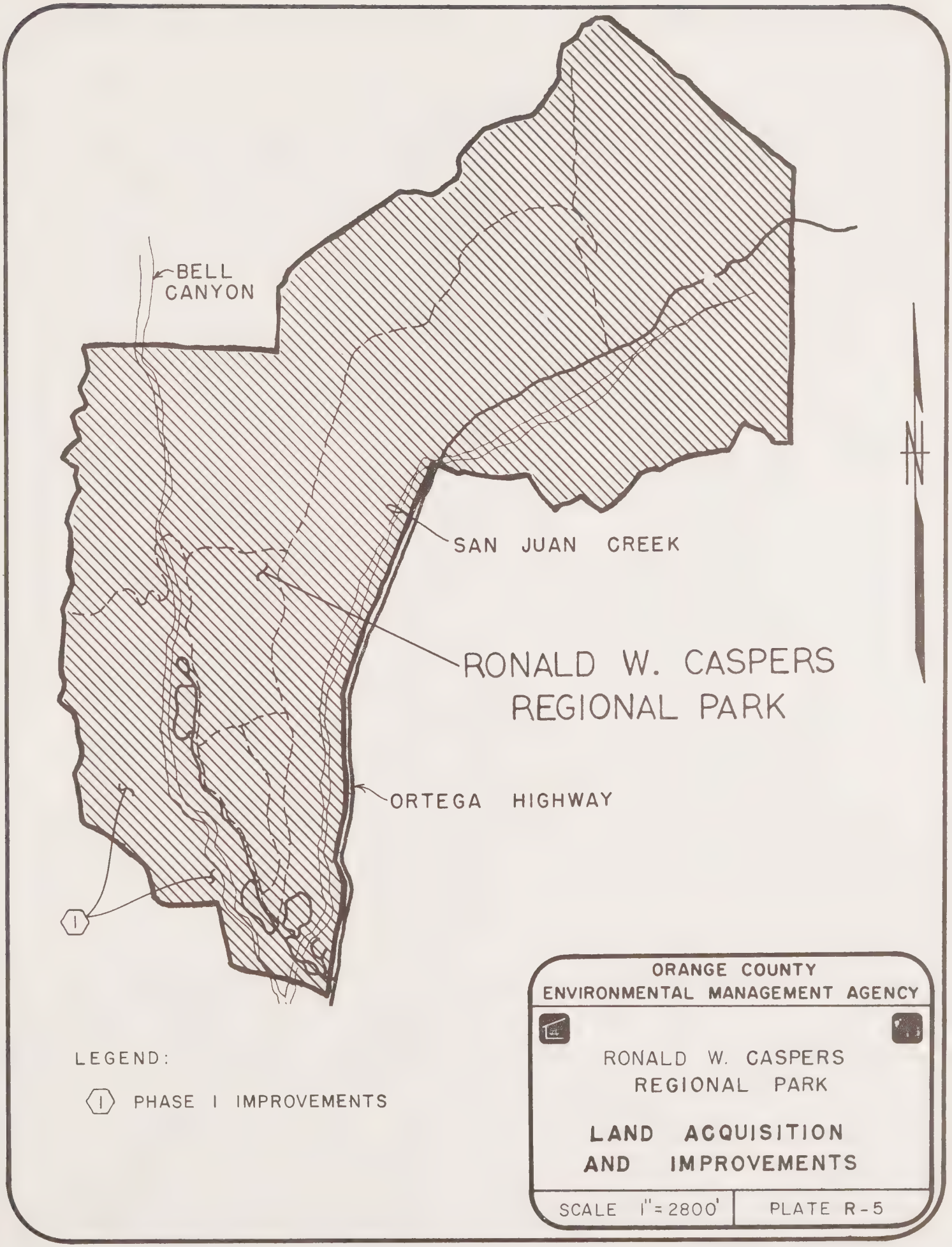
1. LAND ACQUISITION
2. IMPROVEMENTS PHASE III
3. IMPROVEMENTS PHASE IV
4. CONCESSION BUILDING

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

CARBON CANYON
REGIONAL PARK

LAND ACQUISITION
AND IMPROVEMENTS

SCALE 1"=2000'	PLATE R-4

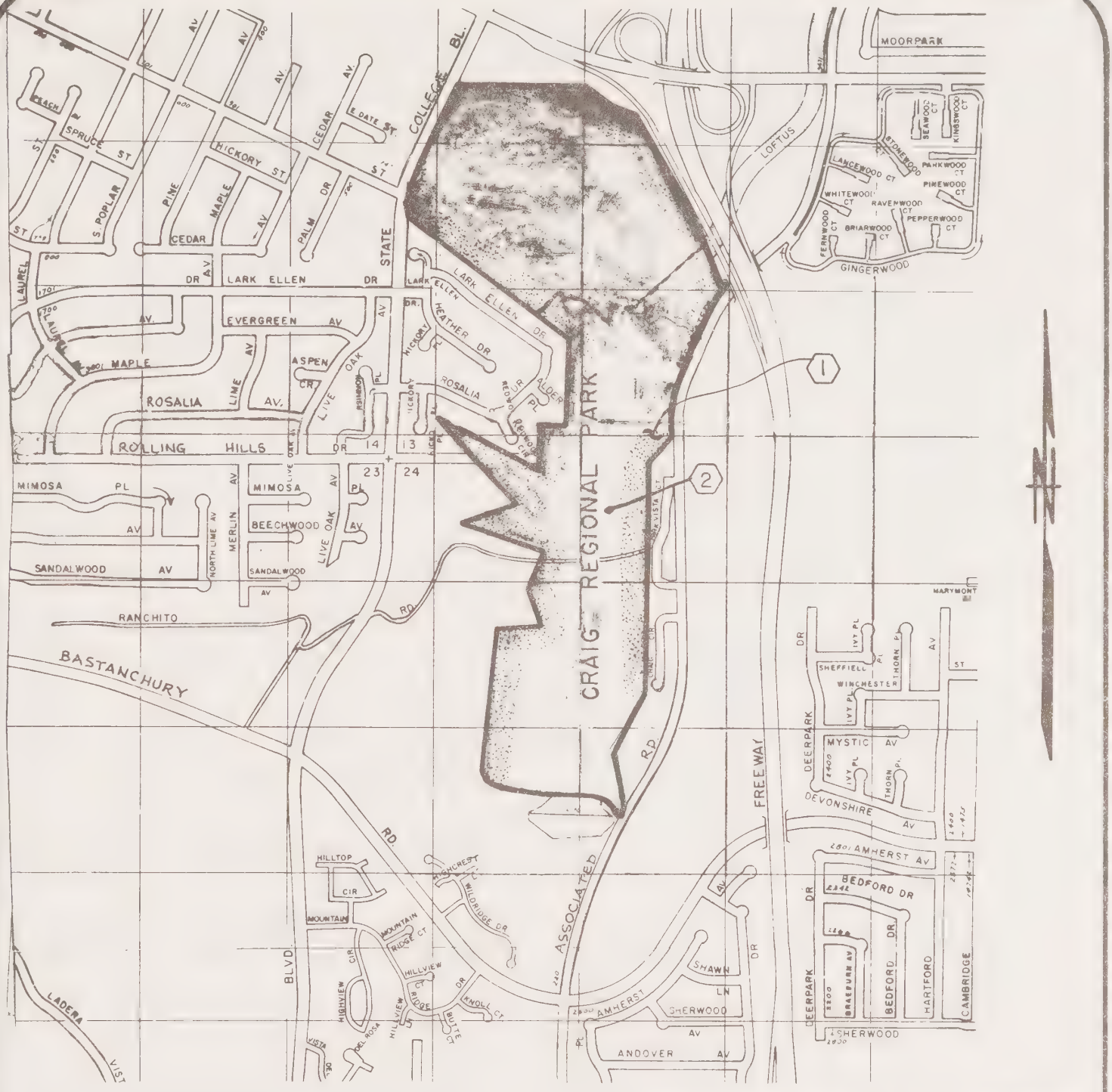

BELL CANYON
SAN JUAN CREEK
RONALD W. CASPERS REGIONAL PARK
ORTEGA HIGHWAY
N
1
LEGEND:
1 PHASE I IMPROVEMENTS
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
RONALD W. CASPERS
REGIONAL PARK
LAND ACQUISITION
AND IMPROVEMENTS
SCALE 1"=2800'
PLATE R-5

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

CENTENNIAL REGIONAL PARK

IMPROVEMENTS

SCALE 1"=1000' | PLATE R-6



LEGEND -

(1) MAINTENANCE COMPLEX IMPROVEMENTS

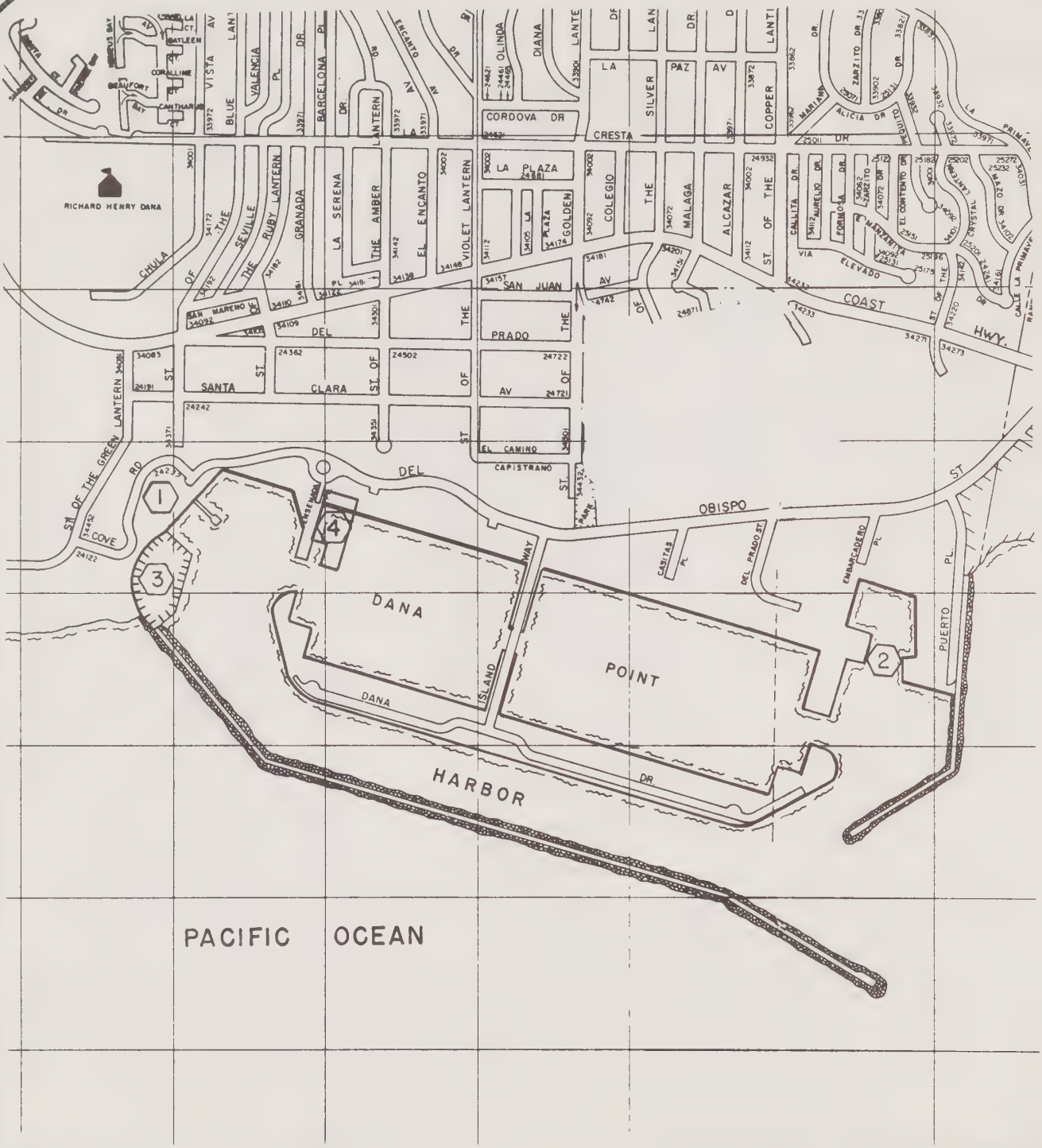
(2) IMPROVEMENTS, PHASE IV

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

CRAIG REGIONAL PARK

IMPROVEMENTS

SCALE 1"=1000' | PLATE R-7



LEGEND -

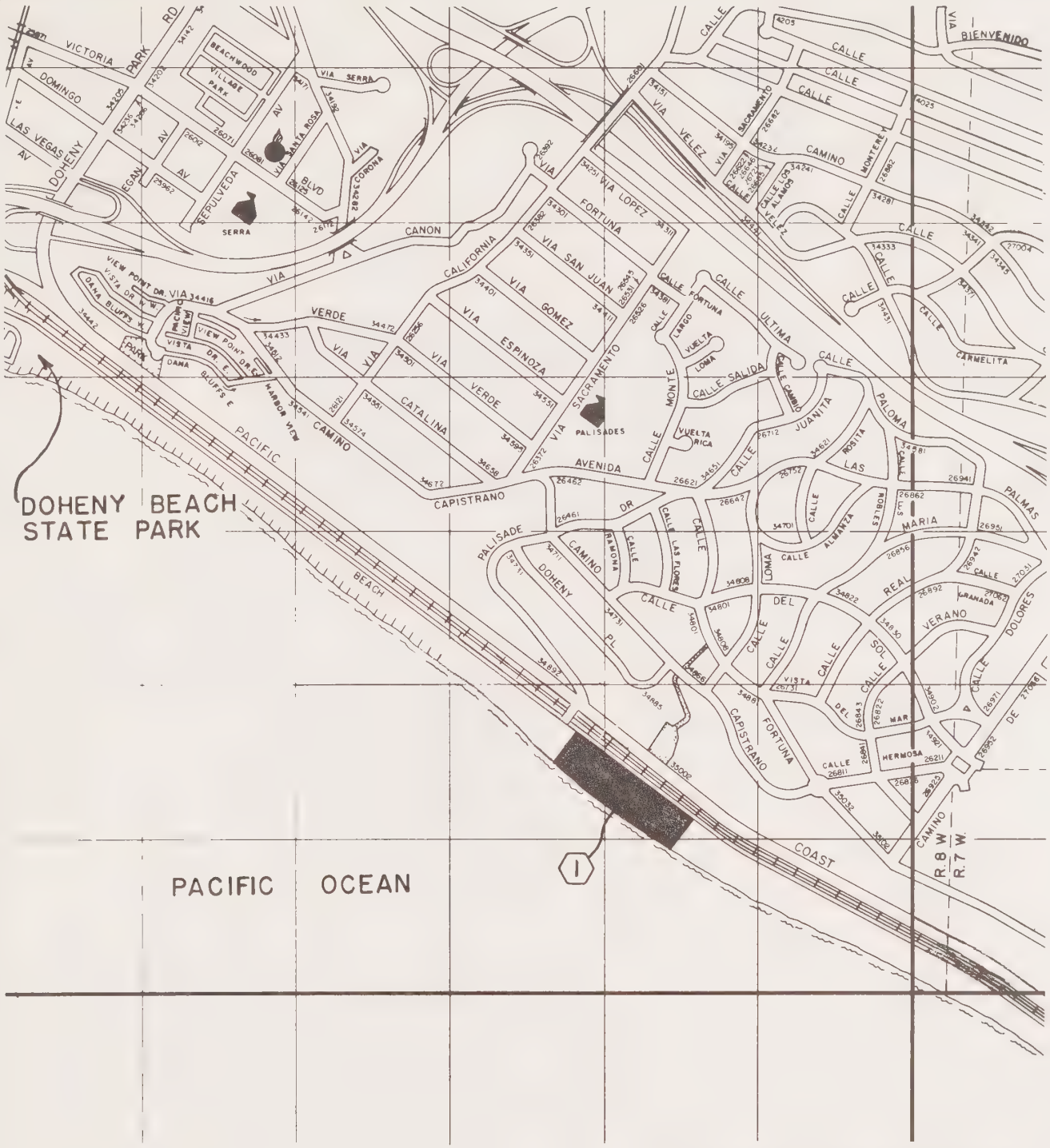
1. CONCESSION BUILDING
2. CONVENIENCE FLOAT
3. MARINE STUDIES INSTITUTE
4. WEST BASIN PUBLIC FACILITIES

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

DANA POINT HARBOR

IMPROVEMENTS

SCALE 1"=1000' | PLATE R-8



LEGEND-

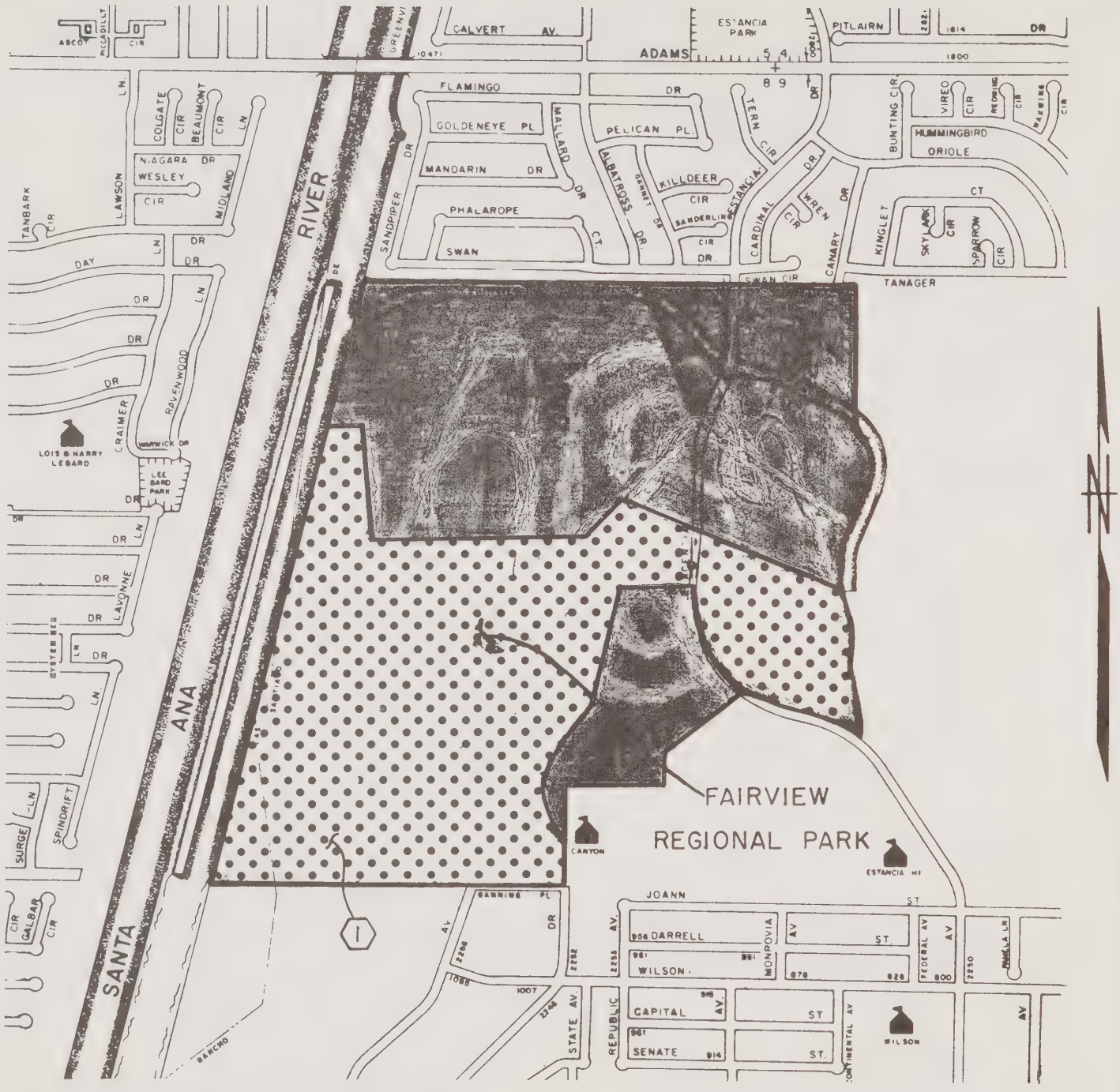
(1) IMPROVEMENTS

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

DOHENY BEACH DEVELOPMENT

IMPROVEMENTS

SCALE 1"=1000' | PLATE R-9


CALVERT AV.
ADAMS
ESTANCIA PARK
PITCAIRN
FLAMINGO
DR
GOLDENEYE PL
MANDARIN DR
PHALAROPE
SWAN
PELICAN PL
KILLDEER
CIR
SANDERLING
WALLARD DR
ALBATROSS DR
GARNET DR
SANDPIPER DR
ESTANCIA
CARDINAL CIR
WREN CIR
CANARY DR
KINGLET
SKYLARK CIR
SPARROW CIR
BUNTING CIR
VIREO CIR
HUMMINGBIRD
ORIOLE
REDWING CIR
WARBLER CIR
TERN CIR
SWAN CIR
TANAGER
CT
COLGATE CIR
BEAUMONT CIR
NIAGARA DR
WESLEY CIR
MIDLAND
LAWSON LN
TANBARK CIR
DAY LN
RAVENWOOD LN
CRAIMER
WARWICK DR
LOIS & HARRY LEGARD
LEE BAND PARK
LAVONNE
OYSTER BED
SPINDRIFT
SURGE LN
CALBAR CIR
SANTA ANA RIVER
GREENVILLE
FAIRVIEW
REGIONAL PARK
CANYON
ESTANCIA HI
JOANN ST
DARRELL
WILSON
CAPITAL
SENATE
MONROVIA AV
FEDERAL AV
PAMELA LN
REPUBLIC AV
STATE AV
CONTINENTAL AV
WILSON
RANCHO
GARNING PL
TOWS
1007
2250
2252
2254
2256
2258
2260
2262
2264
2266
2268
2270
2272
2274
2276
2278
2280
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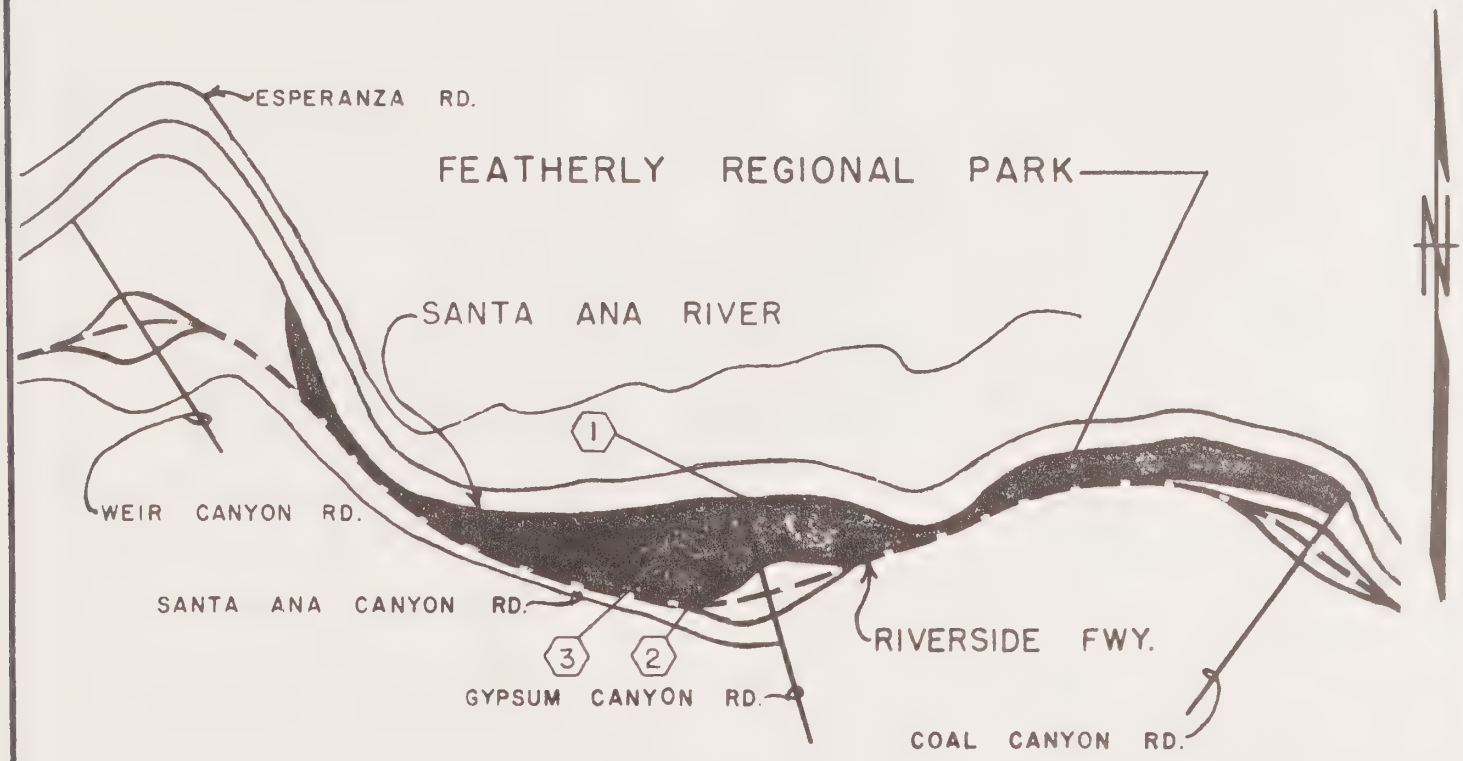
2326
2328



LEGEND -

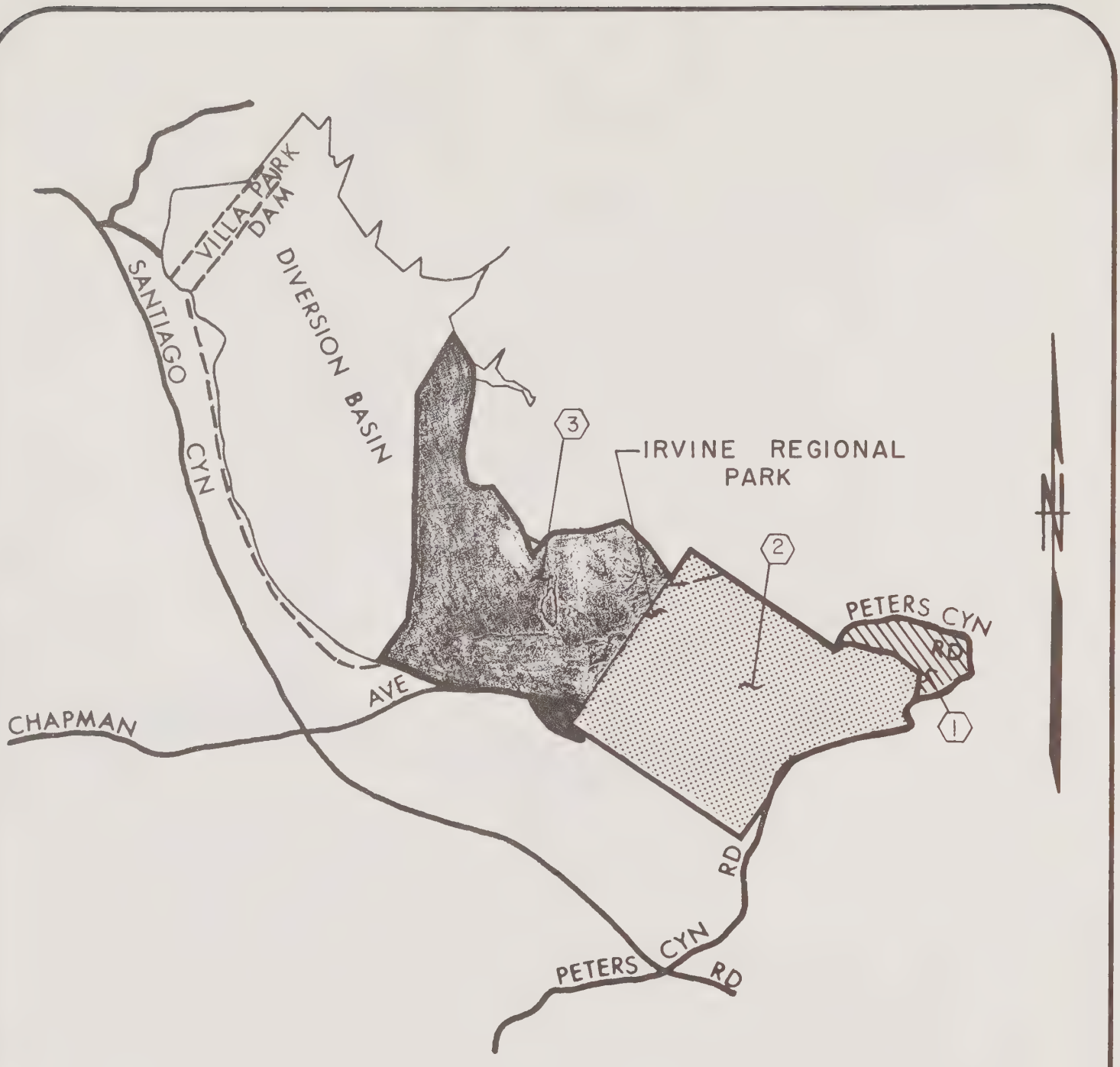
1. PICNIC AREA CONVERSION
2. REVISIONS FOR HANDICAPPED
3. PLAY AREA

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

FEATHERLY REGIONAL PARK

IMPROVEMENTS

SCALE 1" = 2 MI. | PLATE R-11



LEGEND:

1. LAND ACQUISITION
2. REDEVELOPMENT
3. PHASE II COMPLETION

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

IRVINE REGIONAL PARK

LAND ACQUISITION AND IMPROVEMENTS

SCALE 1"=2000' | PLATE R-12

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

KATELLA YARD

IMPROVEMENTS

SCALE 1"=1000' | PLATE R-13

LEGEND-

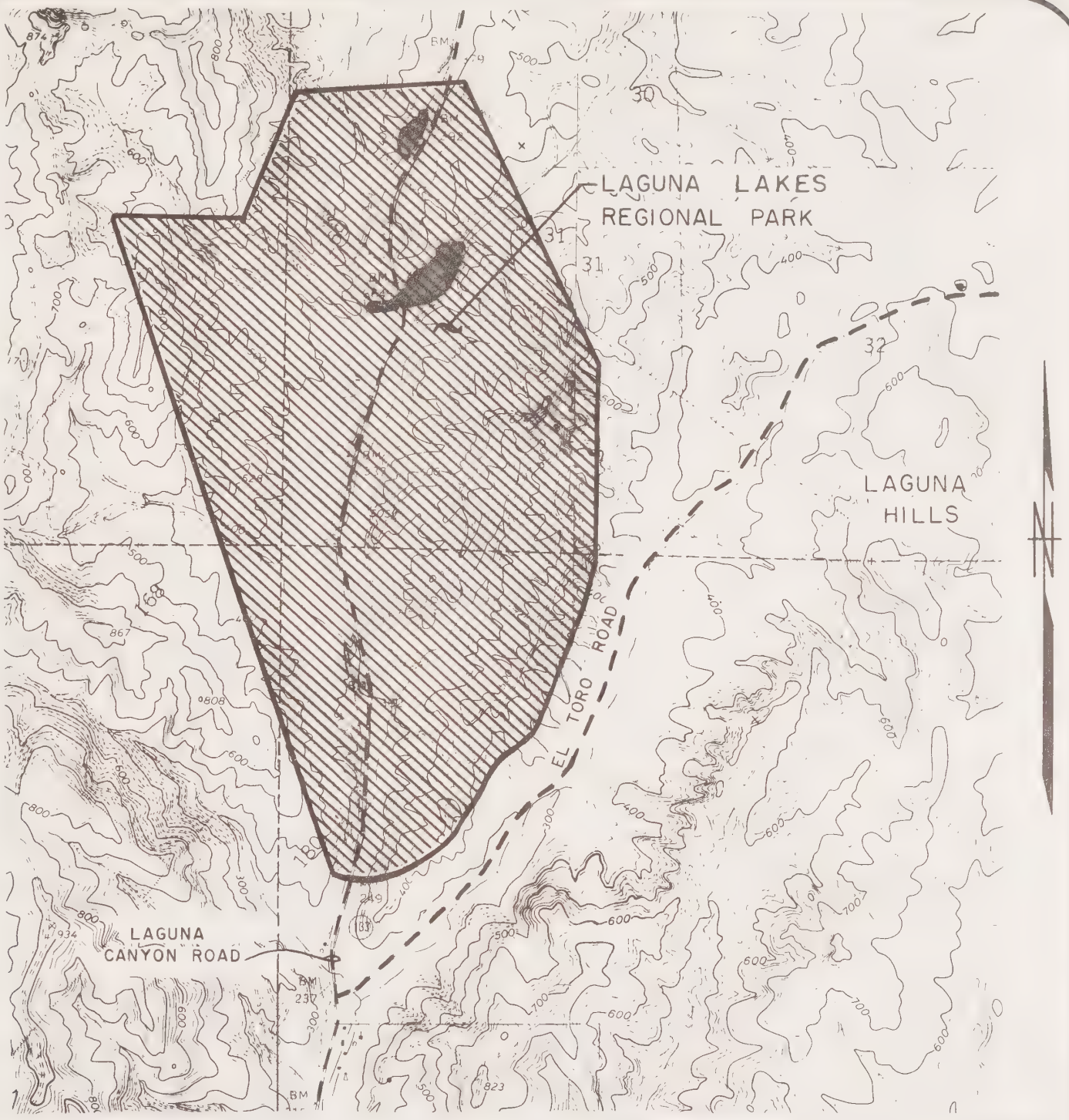
LAND ACQUISITION

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

GEORGE KEY RANCH

LAND ACQUISITION

SCALE 1"=1000' | PLATE R-14



LEGEND -

STUDY AREA

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

LAGUNA LAKES
REGIONAL PARK

LAND ACQUISITION

SCALE 1" = 2000' | PLATE R-15

LEGEND-

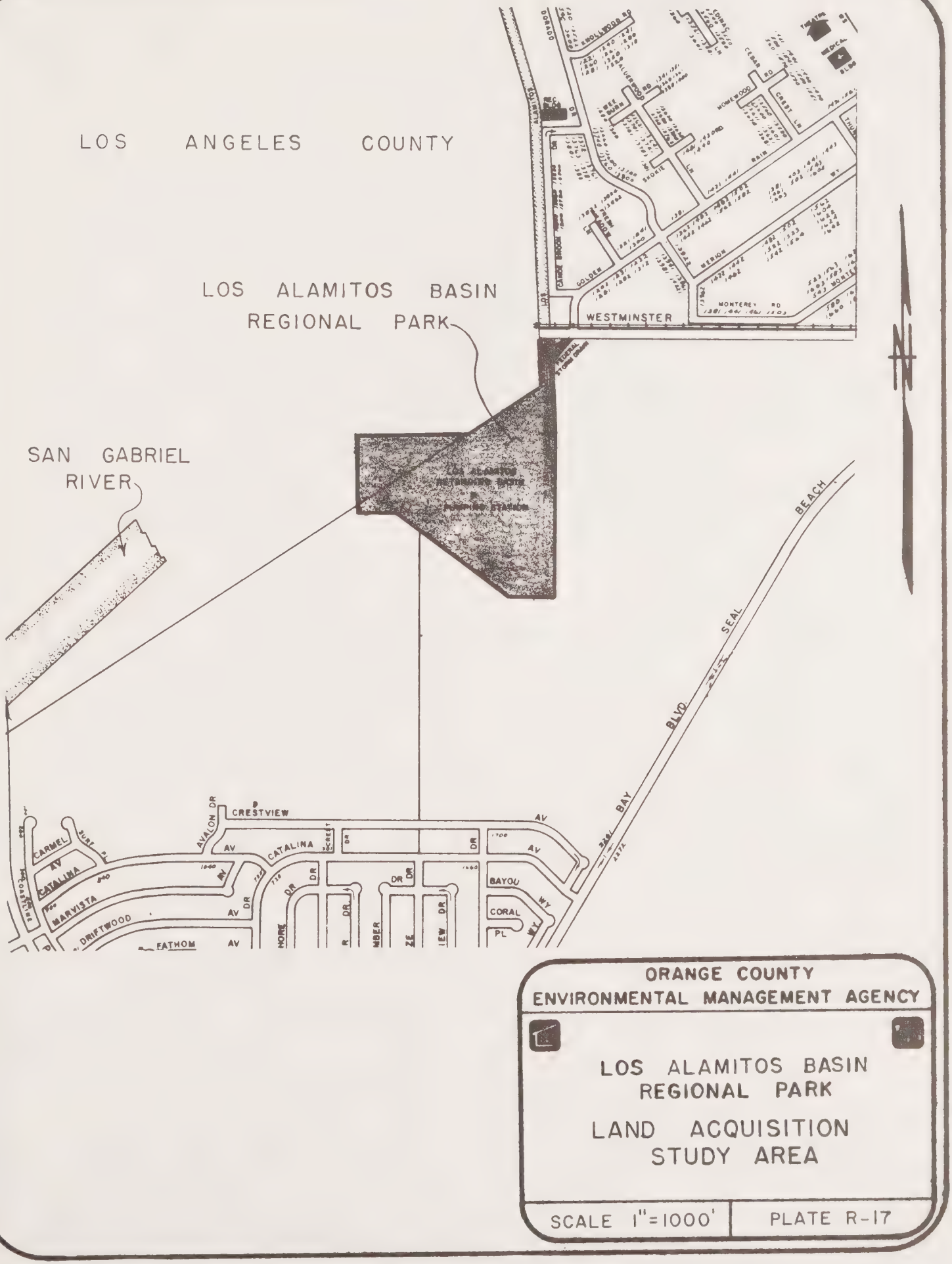
1. PHASE II DEVELOPMENT
2. YOUTH GROUP CAMPING (PHASE II)
3. ACQUISITION INITIATED
4. IRRIGATION CONVERSION
5. ASPHALT TRAIL

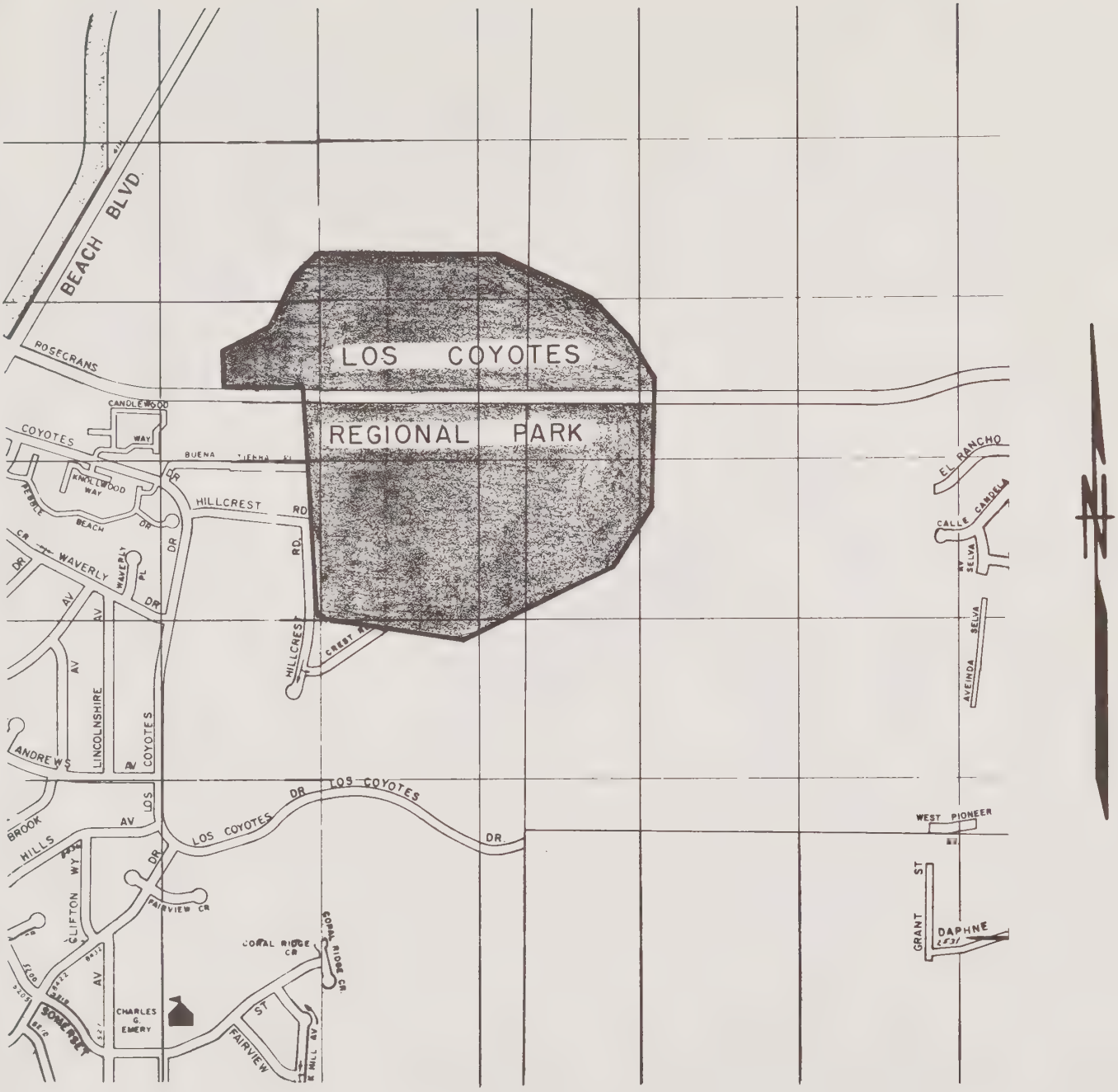
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

LAGUNA NIGUEL REGIONAL PARK

IMPROVEMENTS

SCALE 1"=1000' | PLATE R-16


LOS ANGELES COUNTY
LOS ALAMITOS BASIN REGIONAL PARK
SAN GABRIEL RIVER
WESTMINSTER
BEACH BLVD
SEAL BAY
CRESTVIEW AV
AVALON DR
CATALINA AV
CARMEL AV
MARVISTA
DRIFTWOOD AV
FATHOM AV
BAYOU WY
CORAL PL
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
LOS ALAMITOS BASIN
REGIONAL PARK
LAND ACQUISITION
STUDY AREA
SCALE 1"=1000'
PLATE R-17

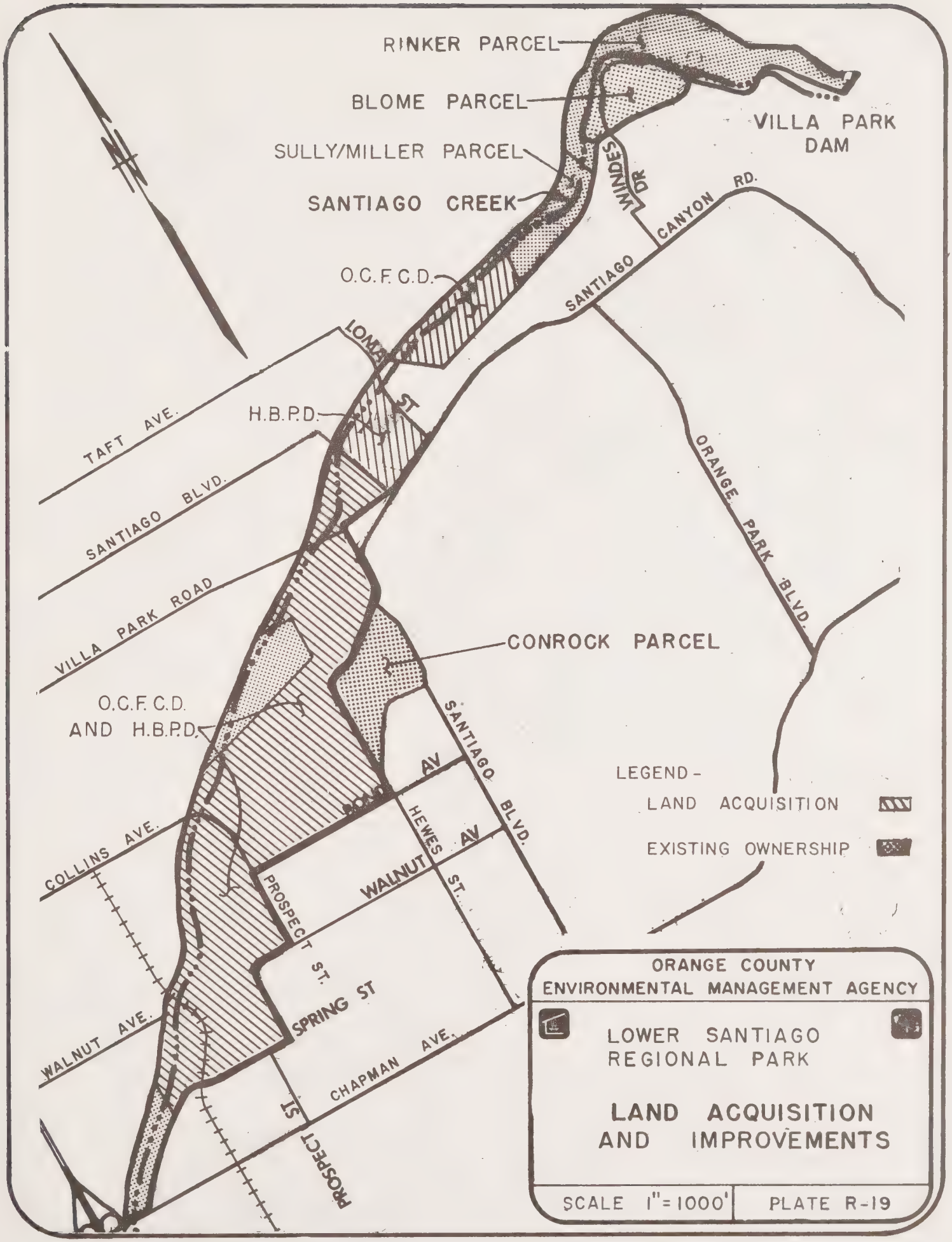


ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

LOS COYOTES
REGIONAL PARK

IMPROVEMENTS

SCALE 1"=1000' | PLATE R-18


RINKER PARCEL
BLOME PARCEL
SULLY/MILLER PARCEL
SANTIAGO CREEK
VILLA PARK DAM
WINDES DR.
CANYON RD.
SANTIAGO
O.C.F.C.D.
LOMA ST.
H.B.P.D.
TAFT AVE.
SANTIAGO BLVD.
VILLA PARK ROAD
ORANGE PARK BLVD.
CONROCK PARCEL
O.C.F.C.D. AND H.B.P.D.
SANTIAGO BLVD.
HEWES AV
WALNUT ST.
PROSPECT ST.
SPRING ST
COLLINS AVE.
WALNUT AVE.
CHAPMAN AVE.
PROSPECT ST
LEGEND -
LAND ACQUISITION
EXISTING OWNERSHIP
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
LOWER SANTIAGO
REGIONAL PARK
LAND ACQUISITION
AND IMPROVEMENTS
SCALE 1"=1000'
PLATE R-19

LEGEND:

(1) PHASE II DEVELOPMENT

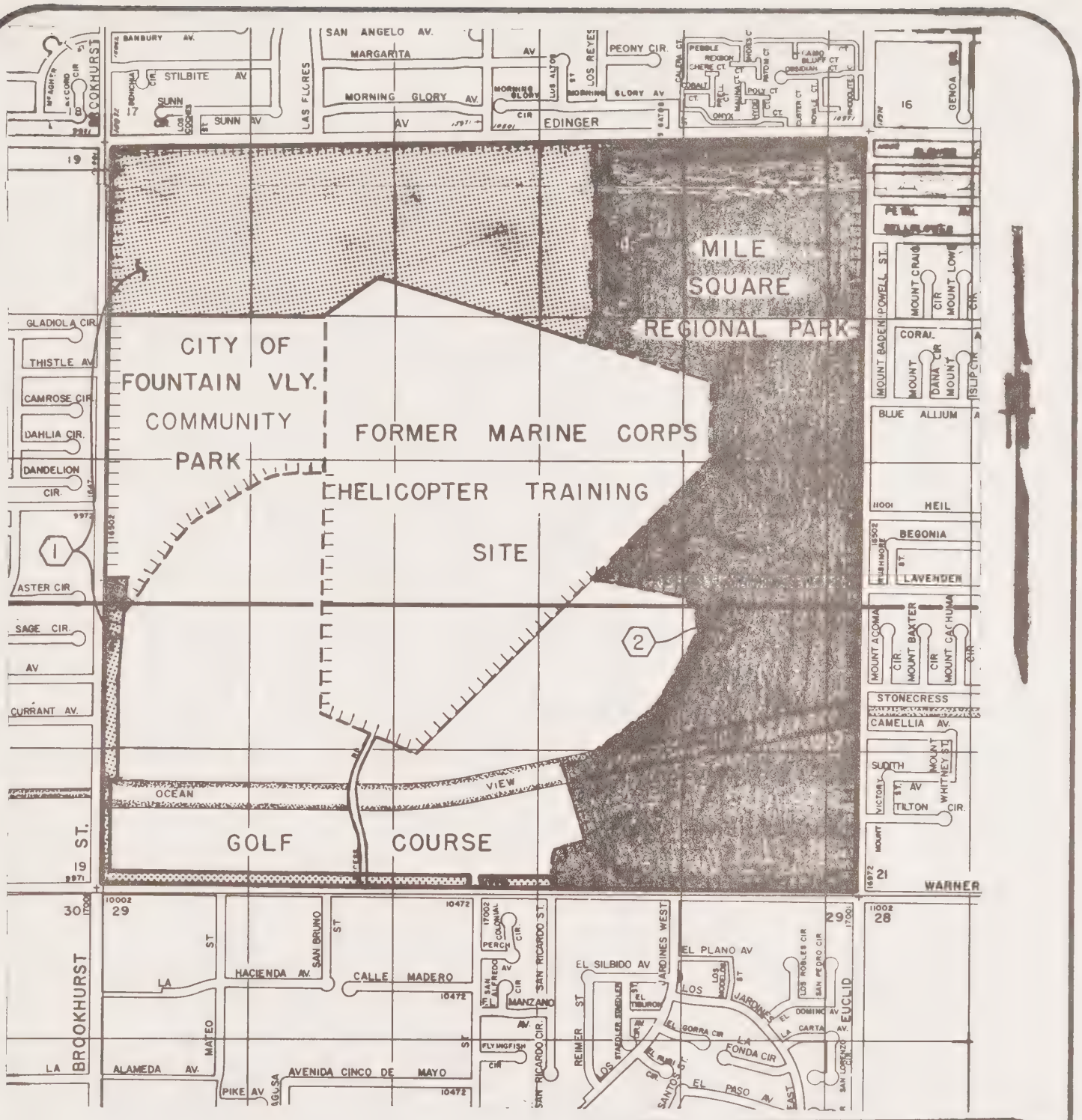
(2) PHASE III DEVELOPMENT

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

WILLIAM R. MASON REGIONAL PARK

SCALE: 1"=3000'

PLATE R-20



LEGEND-

1 PHASE IV

2 PRESENT DEVELOPED PARK AREA

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

MILE SQUARE
REGIONAL PARK

IMPROVEMENTS

SCALE 1"=1000' | PLATE R-21

LEGEND-

LAND ACQUISITION

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

MONTANEZ ADOBE

LAND ACQUISITION
AND IMPROVEMENTS

SCALE 1"=1000' | PLATE R-22

LEGEND:

(1) HEADQUARTERS FLOATING DOCKS

(2) SEA SCOUT BASE CONTRIBUTION

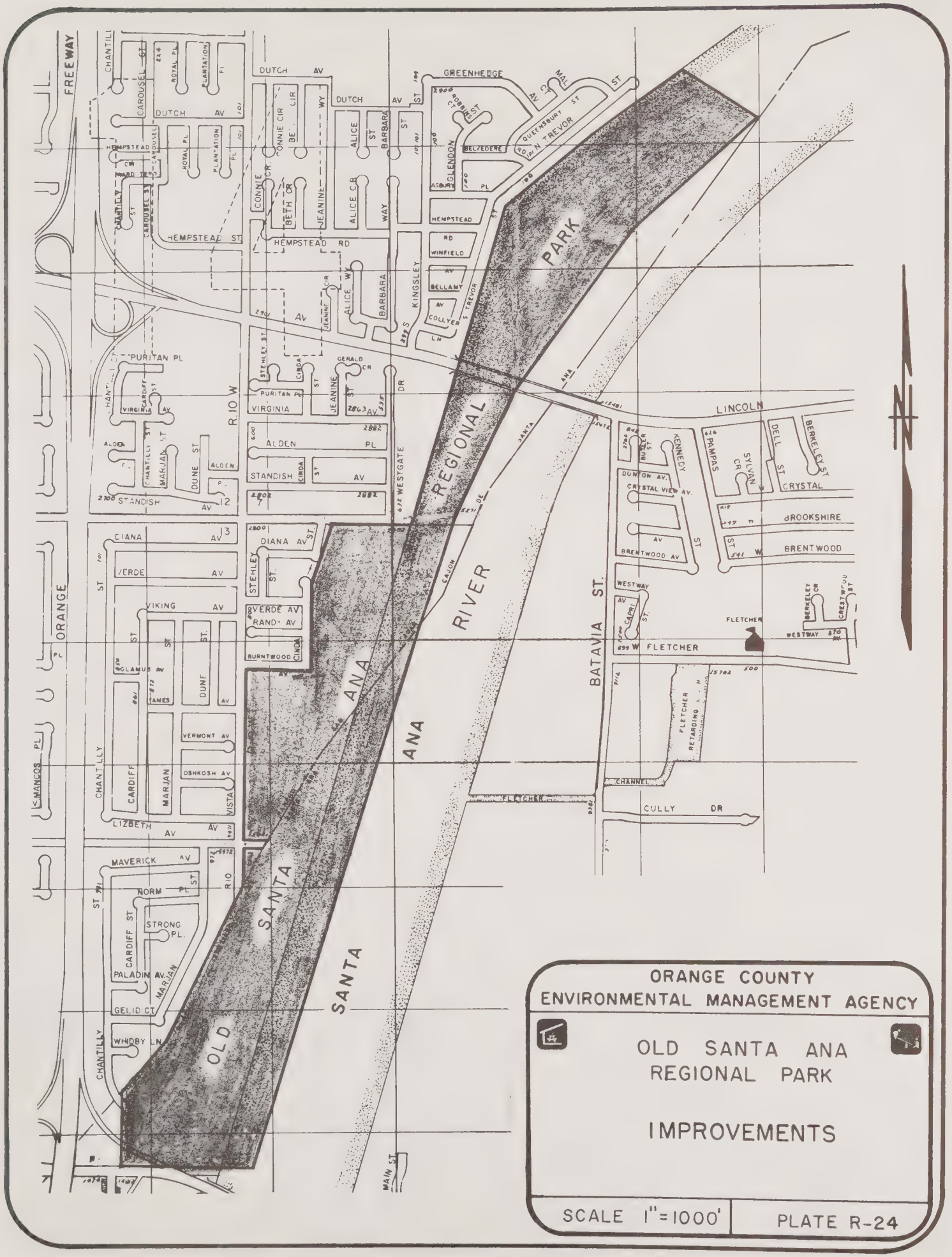
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

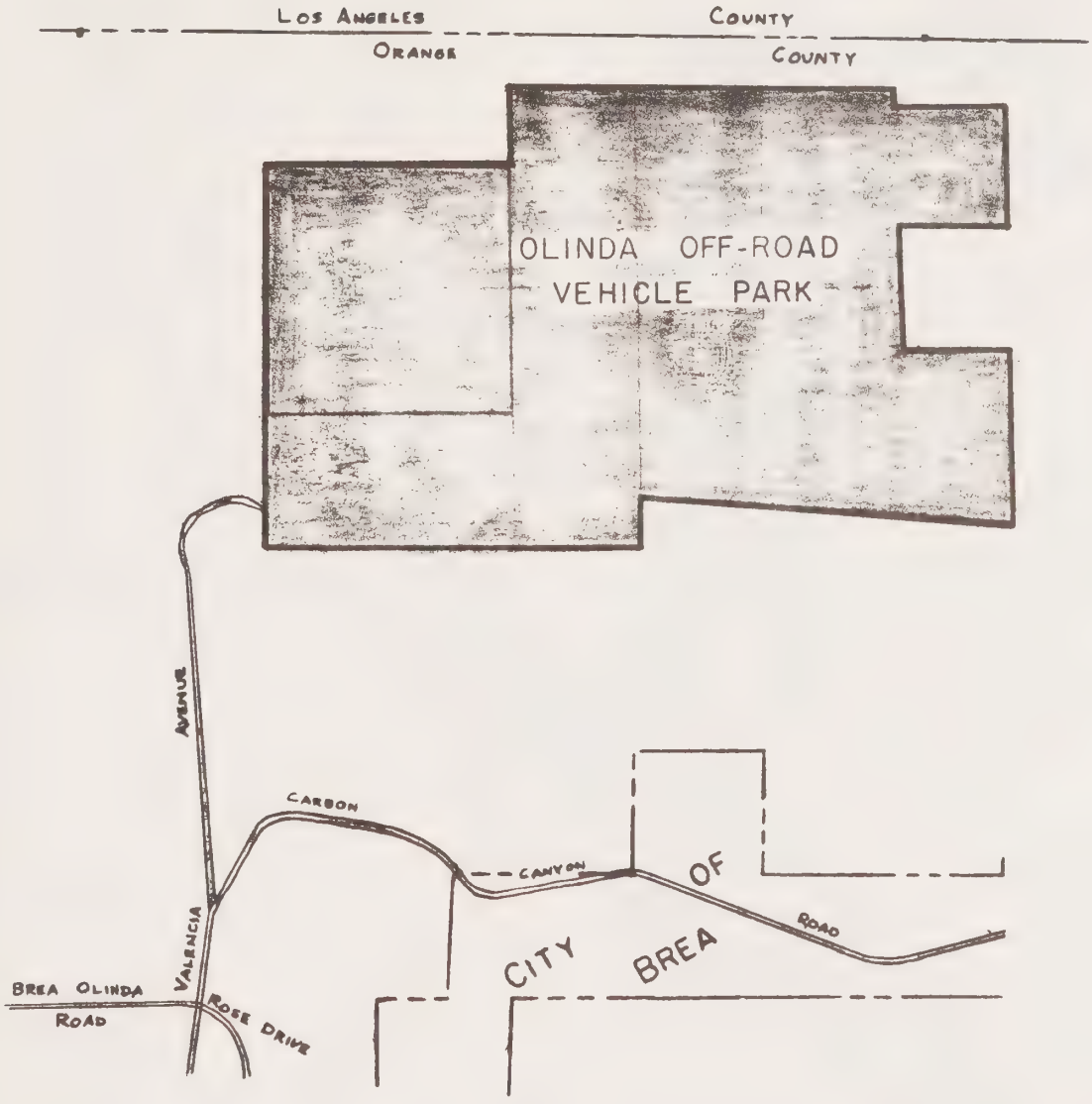
NEWPORT HARBOR

IMPROVEMENTS

SCALE: 1"= 2800'

PLATE R-23


ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
OLD SANTA ANA
REGIONAL PARK
IMPROVEMENTS
SCALE 1"=1000'
PLATE R-24
SANTA ANA RIVER
OLD SANTA ANA REGIONAL PARK
FREEWAY
ORANGE
BATAVIA ST.
LINCOLN
FLETCHER
CHANNEL
CULLY DR
MAIN ST
HEMPSTEAD ST
HEMPSTEAD RD
DUTCH AV
GREENHEDGE
PURITAN PL
VIRGINIA
ALDEN
STANDISH
DIANA
VERDE
VIKING
RANDY AV
BURNTWOOD
VERMONT AV
OSHKOSH AV
LIZBETH
MAVERICK
NORM
STRONG PL.
CARDIFF ST
PALADIN AV.
GELID CT.
WHOBY LN.
CHANTILLY
MARJAN
DUNE ST
STEHLEY
JEANINE
ALICE
BARBARA
KINGSLEY
BELLAMY
WINFIELD
GLENDON
BELVEDERE
QUEENSBURY
TREVOR
KENNEDY
PAMPAS
SYLVAN CR
DELL ST
BERKELEY ST
CRYSTAL
BROOKSHIRE
BRENTWOOD
WESTWAY
FLETCHER RETARDING BASIN



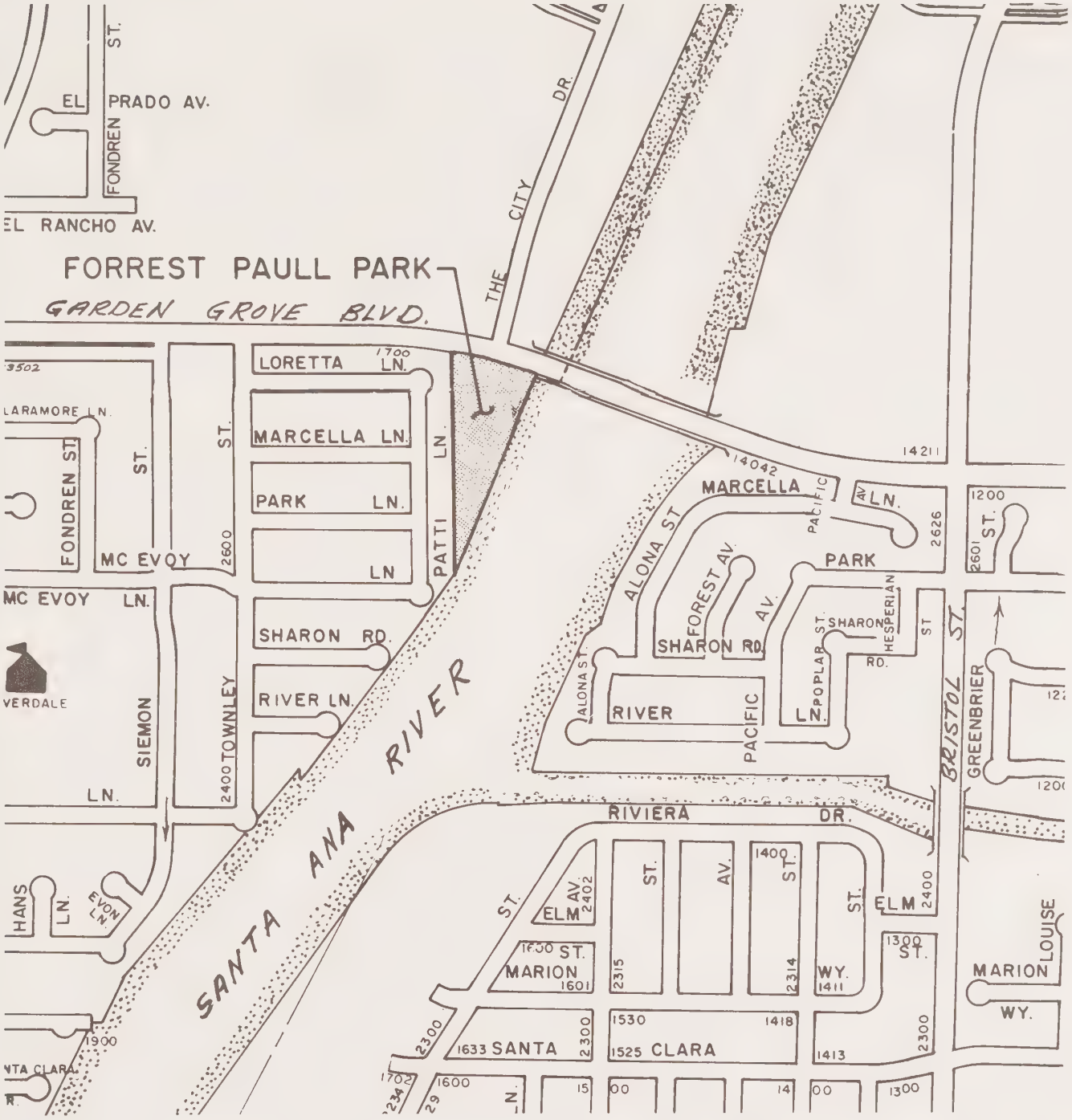
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

OLINDA OFF-ROAD
VEHICLE PARK

IMPROVEMENTS

SCALE 1"=2000' | PLATE R-25

Ramakrishna Monastery
LIVE OAK CANYON RD.
Trabuco Oaks
(Trabuco Canyon PO)
Hickey
Ross
TRABUCO CANYON RD.
O'NEILL REGIONAL PARK
1369
1309
1030
PRIVATE
1
2
LEGEND -
1 LAND ACQUISITION
2 REDEVELOPMENT
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
O'NEILL REGIONAL PARK
LAND ACQUISITION
AND IMPROVEMENTS
SCALE 1"=2000'
PLATE R-26

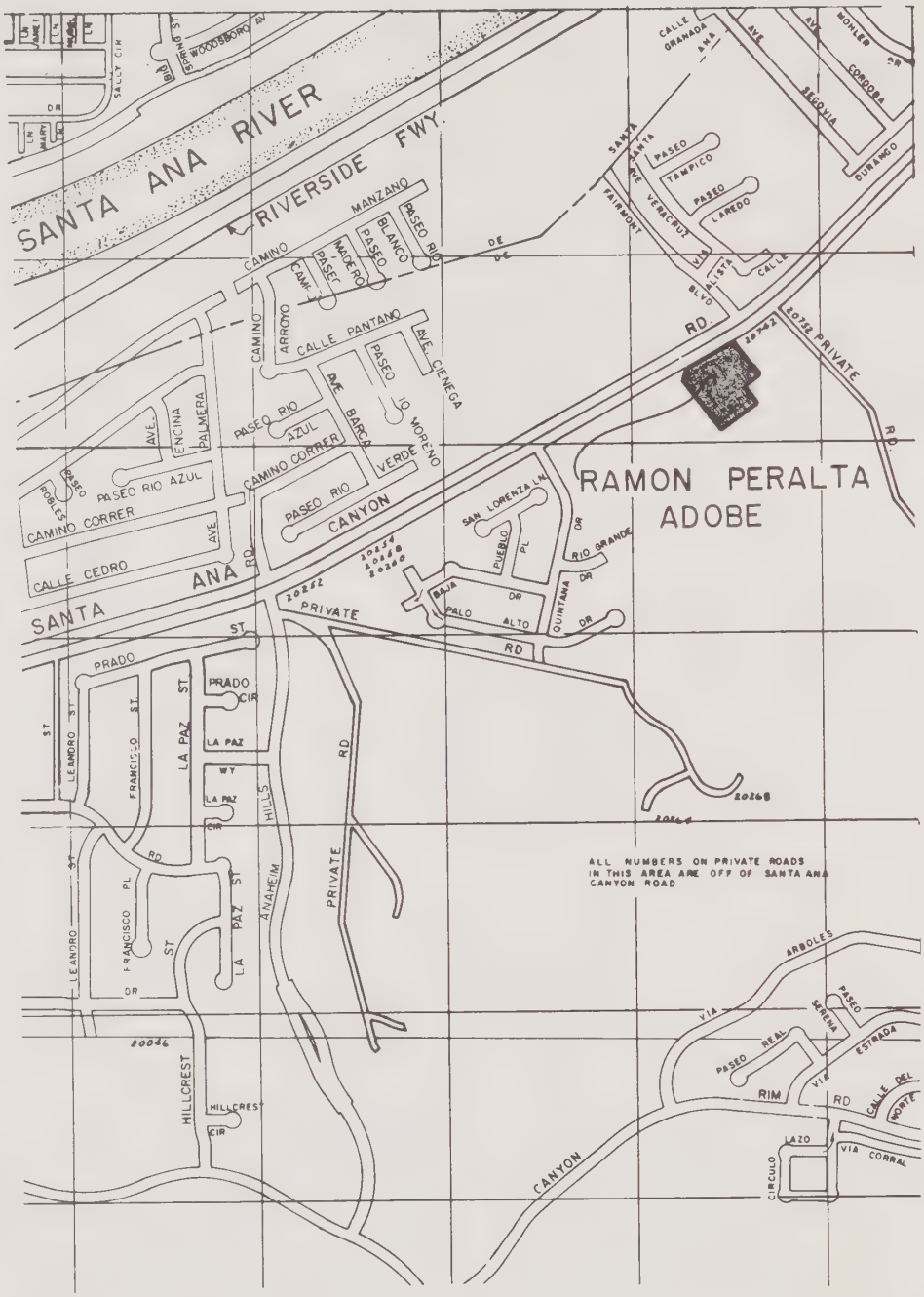


ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

FORREST PAULL PARK

SANTA ANA RIVER TRAIL
STAGING AREA
IMPROVEMENTS

SCALE: 1"= 600' | PLATE R-27

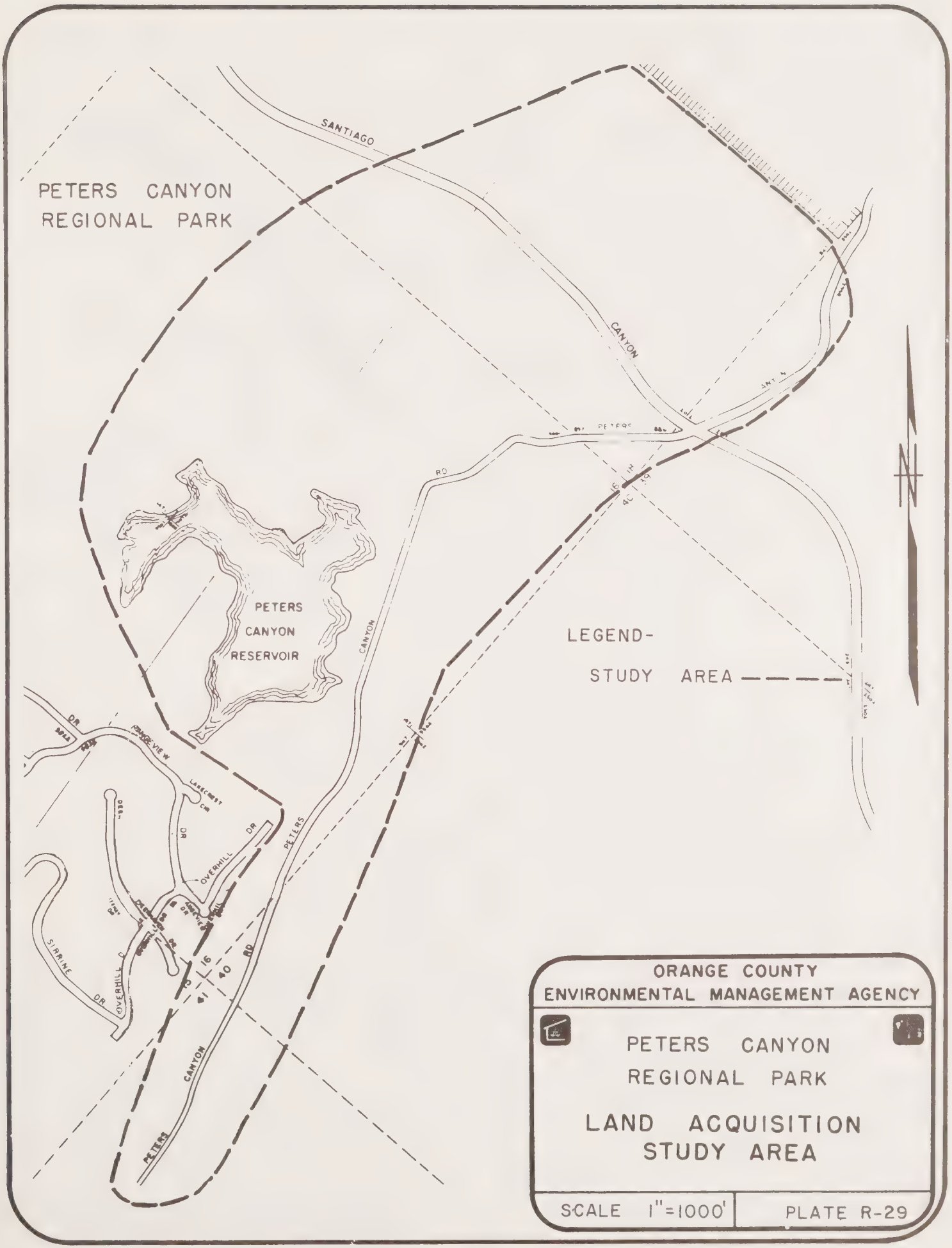


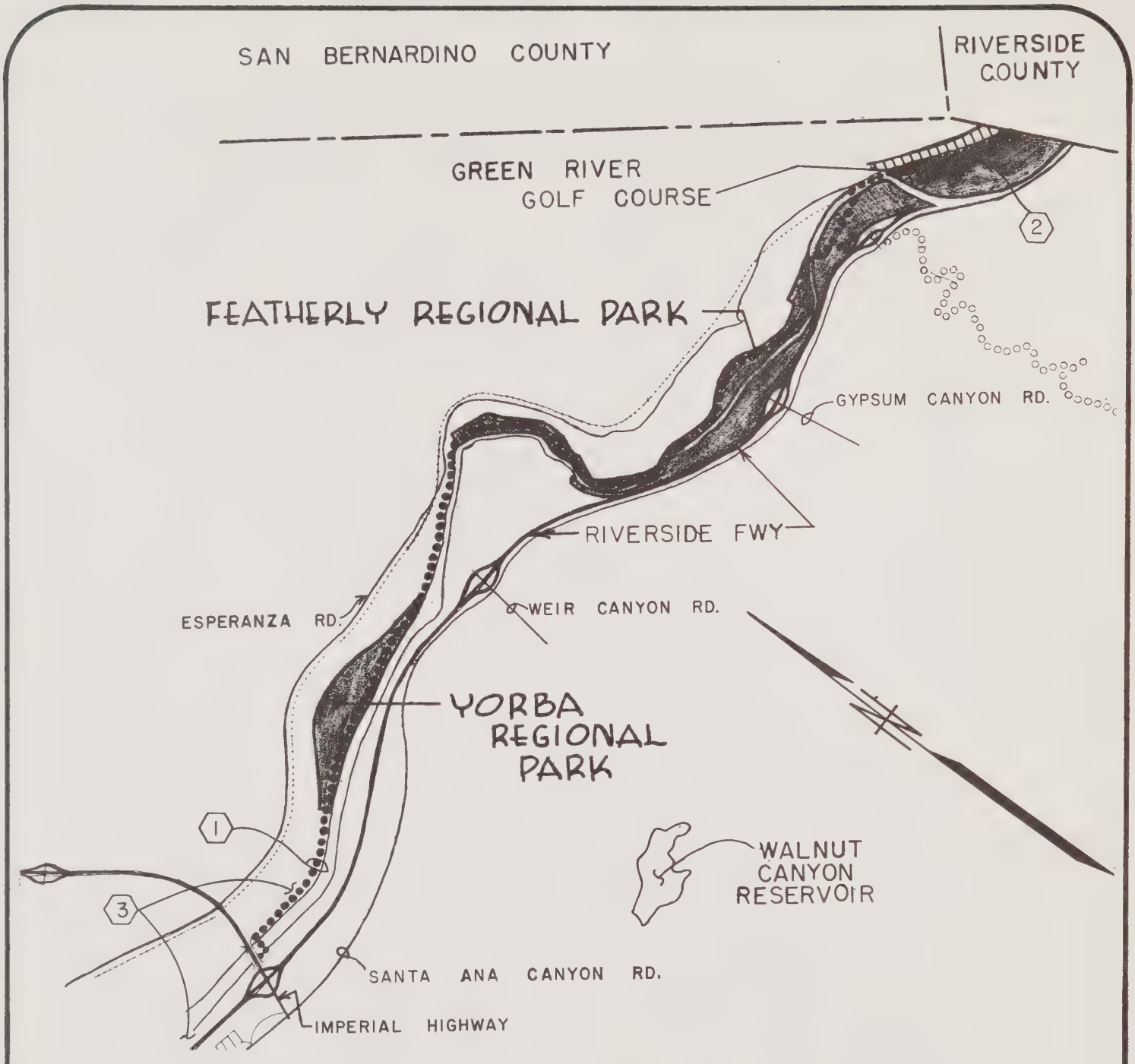
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

RAMON PERALTA ADOBE

IMPROVEMENTS

SCALE 1"=1000' | PLATE R-28


PETERS CANYON
REGIONAL PARK
SANTIAGO
CANYON
PETERS
RD
PETERS
CANYON
RESERVOIR
CANYON
LEGEND-
STUDY AREA
N
OVERHILL
DR
PETERS
CANYON
RD
SIRRINE
DR
PETERS
CANYON
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
PETERS CANYON
REGIONAL PARK
LAND ACQUISITION
STUDY AREA
SCALE 1"=1000'
PLATE R-29



LEGEND-

(1) EQUESTRIAN TRAIL

(2) LAND ACQUISITION

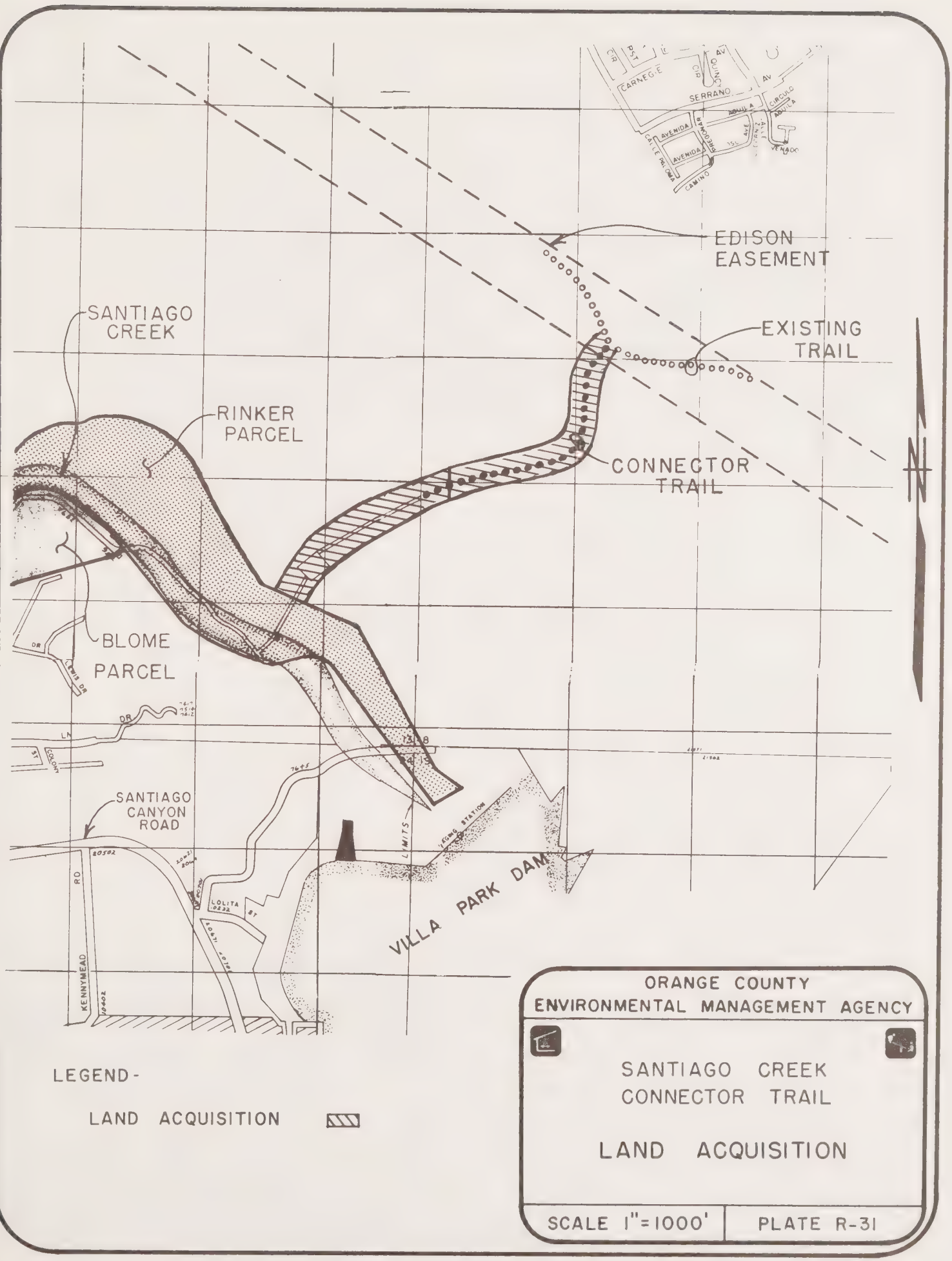
(3) ENVIRONMENTAL PLAN IMPROVEMENTS

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

SANTA ANA RIVER TRAIL
(PROPOSED)

LAND ACQUISITION

SCALE 1"=2000' | PLATE R-30

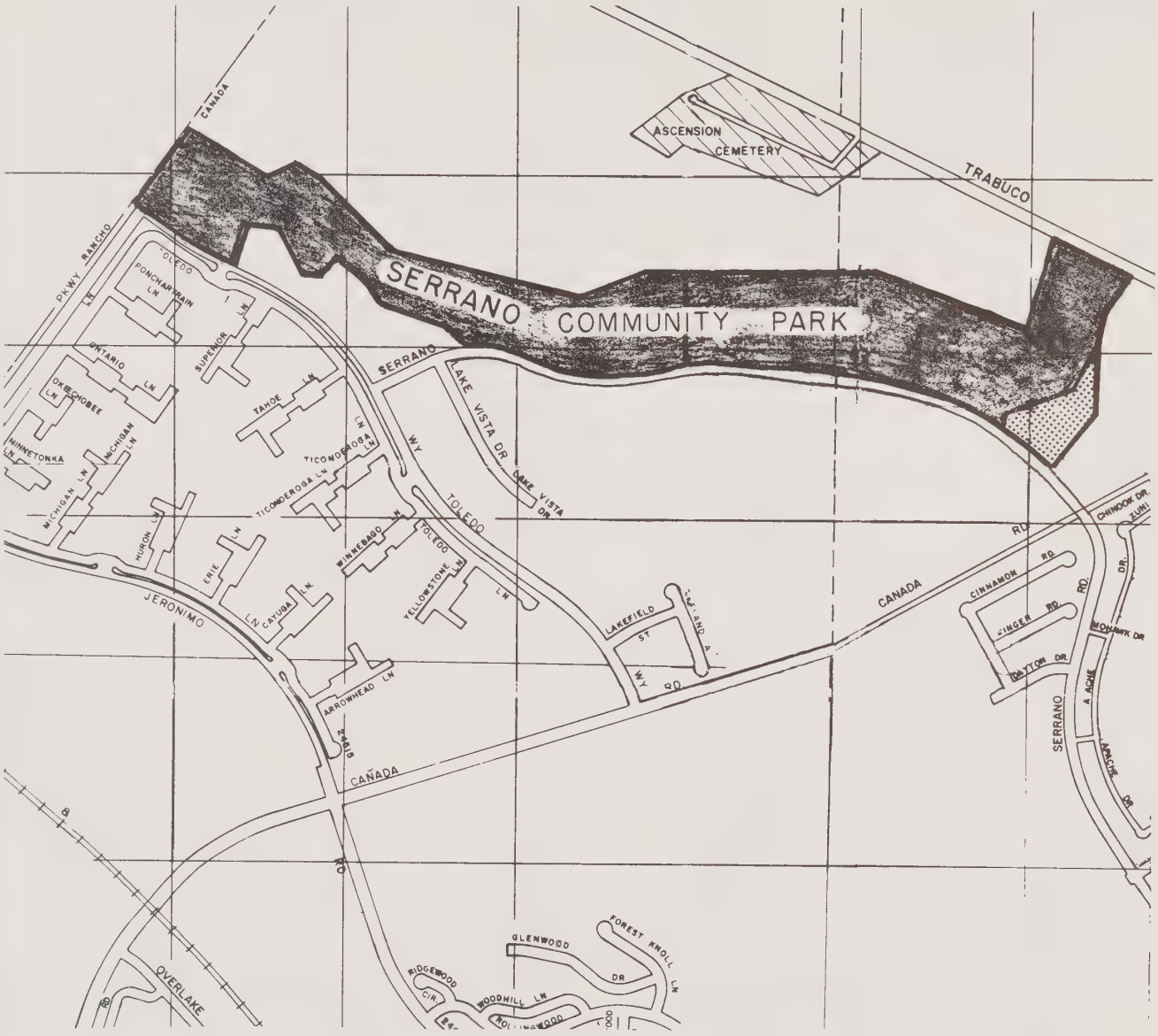


ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

SANTIAGO CREEK
CONNECTOR TRAIL

LAND ACQUISITION

SCALE 1"=1000' | PLATE R-31



LEGEND-

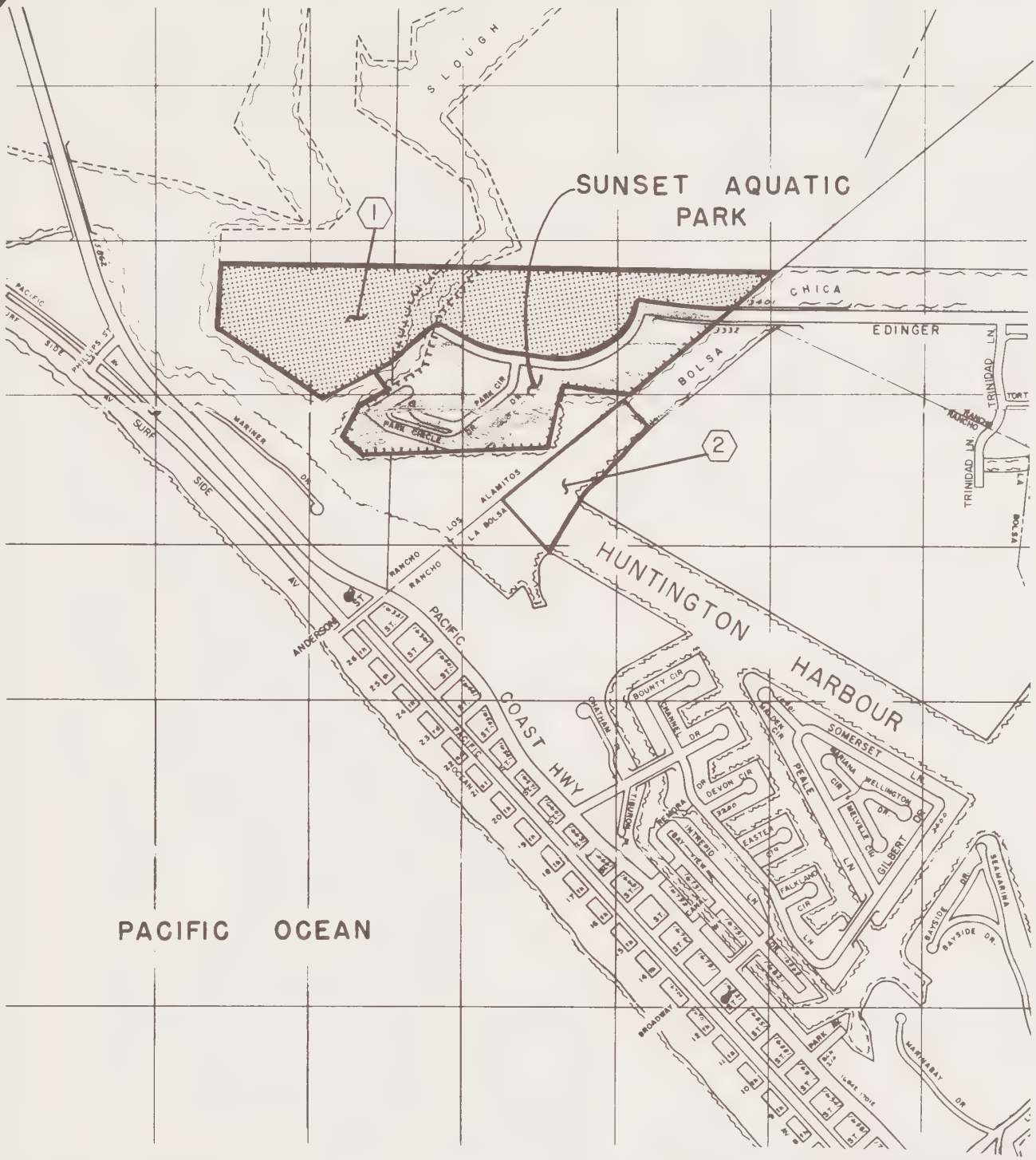
REGIONAL HISTORIC VILLAGE SITE

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

SERRANO REGIONAL
HISTORIC VILLAGE

IMPROVEMENTS

SCALE 1"=1000' | PLATE R-32



LEGEND -

(1) PHASE II DEVELOPMENT

(2) DREDGING AREA

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

SUNSET AQUATIC PARK

IMPROVEMENTS

SCALE 1"=1000' | PLATE R-33

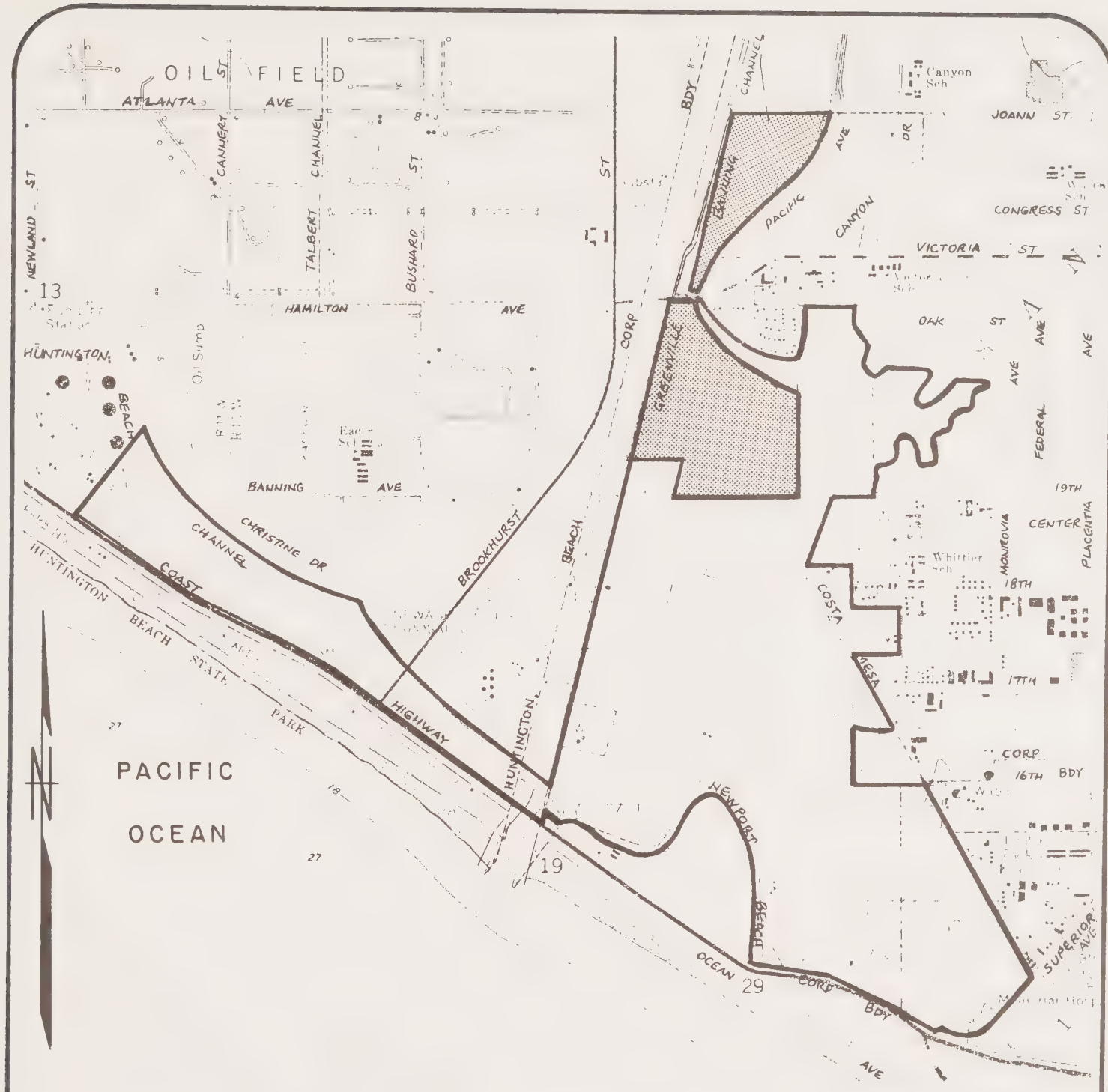
LEGEND:

(1) WATER TOWER

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

SUNSET BEACH WATER TOWER PRESERVATION

SCALE: 1"=1000' | PLATE R-34



LEGEND:

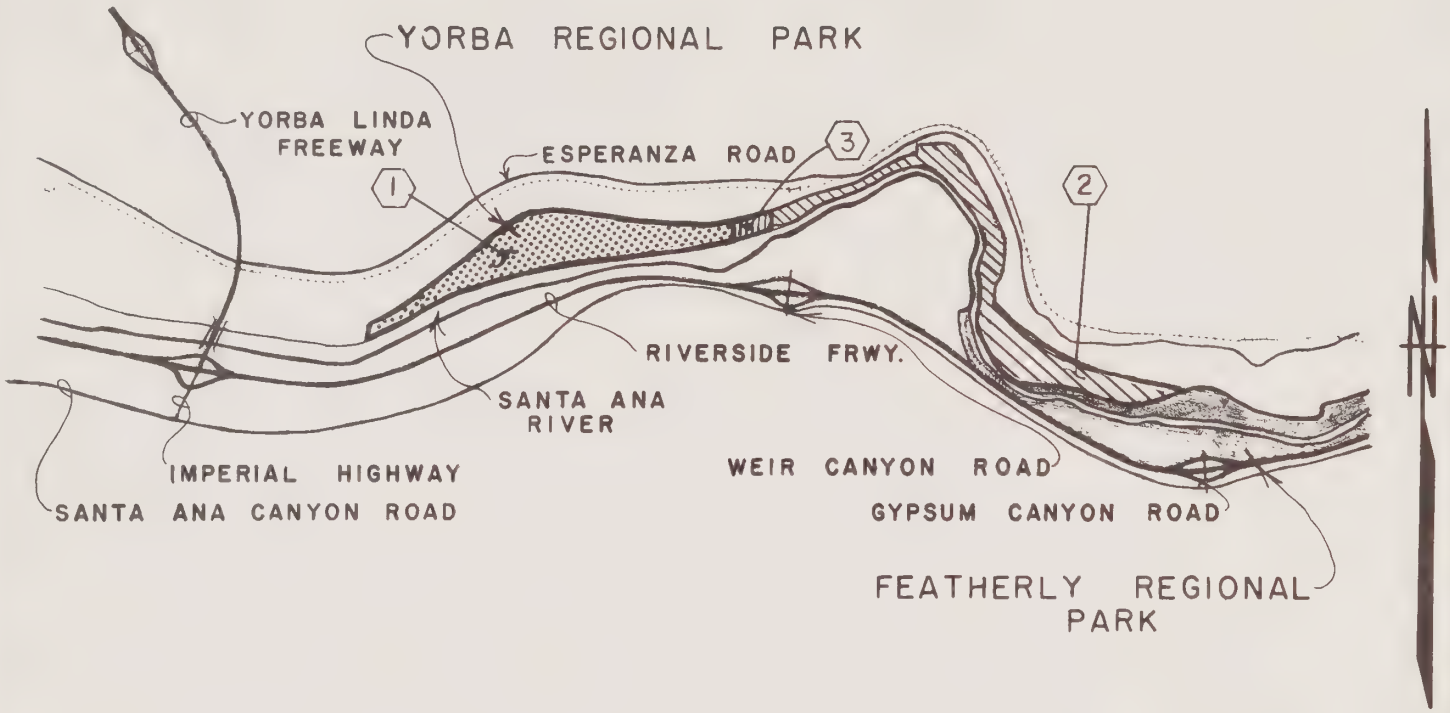
CURRENT OWNERSHIP

PARK LIMITS AS IDENTIFIED IN MASTER PLAN OF REGIONAL PARKS

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

TALBERT PARK
DEVELOPMENT PLANNING
STUDY AREA

SCALE 1"= 2000' | PLATE R-35



LEGEND -

(1) PHASE II DEVELOPMENT

(2) CAL TRANS ACQUISITION

(3) CITY PROPERTY ACQUISITION

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

YORBA REGIONAL PARK

LAND ACQUISITION AND IMPROVEMENTS

SCALE 1" = 4600' | PLATE R-36

L		
La Ha		
Laguna Nig		
Pacific Coast Bikeway		J BB* 00 BL ,000 P -,800 DT 57,000 R
Peters Canyon Trail		70,000 P
Railroad Bikeway		320,000 P
Santa Ana River Trail		391,000 P
San Diego Creek Trail	152	15,000 P

LEGEND -

(1) PHAS.

(2) CAL TR

(3) CITY PRO.

1977 - 1978 REGIONAL RECREATION PROJECTS

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

PROJECT NAME	PROJECT DESCRIPTION		APPROPRIATION		
	PAGE NO.	PLATE/PAGE NO.	PLANNING/ DESIGN	ACQUISITION	DEVELOPMENT
Alamitos-Sunkist Bikeway	146	B1/155	$ 25,000 P		
Aliso Creek Trail	146	B2/156			$172,000 P 10,000 R
Capistrano Valley Trail	147	B3/157			40,000 P 48,000 R
Imperial-El Cajon Bikeway	147-148	B4-B5/158-159	10,000 P	$236,000 P	291,000 P
Irvine-Trabuco Bikeway	148	B6/160		20,000 P	
Laguna Canyon Bikeway	148	B7-B8/161-162			20,000 P
La Habra-Beach Bikeway	149	B9+B11/163-165	10,000 P		25,000 P
Laguna Niguel Bikeway	149	B12/166		17,000P	
Pacific Coast Bikeway	150	B13-B18/167-172	28,000 P		50,000 BB* 46,000 BL 152,000 P 131,800 DT 87,000 R
Peters Canyon Trail	151	B19/173			70,000 P
Railroad Bikeway	151	B20/174		310,000 RS 150,000 P	320,000 P
Santa Ana River Trail	151	B21/175		35,000 P	391,000 P
San Diego Creek Trail	152	B22/176			15,000 P

1977 - 1978 REGIONAL RECREATION PROJECTS

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

PROJECT NAME	PROJECT DESCRIPTION		APPROPRIATION		
	PAGE NO.	PLATE/PAGE NO.	PLANNING/ DESIGN	ACQUISITION	DEVELOPMENT
Slater Bikeway	152-153	B231/77			22,000 P
Titan Bikeway	153	B24-25/178-179			93,000 P
Woodbridge Trail	153-154	B26-B27/B180-181			177,000 P 53,000 R

Legend - Source of Funding
BB - Bicentennial Bike Route Funds SB 283
BL - Bicycle Lane account - SB 244
DT - Dana Point Tidelands Funds
P - Harbors, Beaches and Parks District
R - Streets and Highways Program
RS - Revenue Sharing Funds

* Anticipated Revenue

RPR:jn166a(2)

*PLATE NO. B1 ALAMITOS-SUNKIST BIKEWAY

Professional Services	4061-420-638	(H07802)	$ 25,000

Project Limits: Valley View Street to Santa Ana River - 9.2 miles

A planning study and preparations of contract plans is proposed for the Alamitos-Sunkist Bikeway beginning at Valley View Street and extending easterly on Ball Road through the cities of Cypress, Buena Park, Anaheim and unincorporated county islands to the Santa Ana River Channel. Due to the high vehicular traffic volume on Ball Road plus the necessary coordinations of this project through the incorporated cities, alternate routes will be considered. Use of Cerritos Avenue between Valley View Street and Magnolia Street appears to be a likely alternate route. Other segments could use Edison Company right-of-way and a proposed easement through Disneyland will be considered. An in-house planning study of the route was approved by Board Resolution No. 77-672.

*PLATE NO. B2 ALISO CREEK TRAIL

Structures and Improvements	4061-420-628	(H07676)	$172,000

Project Limits: 1. 2nd Street to Stockport Street - 2.19 miles
2. Stockport Street to Moulton Parkway - 1.0 miles

The Aliso Creek Trail as funded consists of four segments as follows:

1. Proposed is the construction of a Class I bikeway between 2nd Street and Stockport Street in unincorporated county. The last stretch (Beckenham to Stockport) will be a reconstruction project since there is an existing 6 foot wide AC bikeway in this area. The existing bikeway is less than mandatory minimum width so it is proposed to cap the existing bikeway and add an additional 4 feet of AC pavement to make the trail 10 feet wide. Improvements estimated to cost $167,000 will consist of grading, paving, signing and striping for bikeway purposes.

2. Proposed is the construction of a Class I bikeway in unincorporated county from the intersection of Stockport Street and Paseo de Valencia southeasterly along Paseo de Valencia to Alicia Parkway. A Class II bikeway will then be constructed along Alicia Parkway between Paseo de Valencia and Moulton Parkway. Improvements estimated to cost $10,000 will consist of grading, paving, signing and striping for bikeway purposes and will be financed with streets and highways funds.

*PLATE NO. B3 CAPISTRANO VALLEY TRAIL

	1151-190-401	(R08483)	$ 48,000
	4061-420-632	(H07928)	40,000
Structures and Improvements		Total	$ 88,000

Project Limits: Marguerite Parkway to Calle Chueca - 2.6 miles

Proposed is the construction of a Class II interim bikeway between Marguerite Parkway and Calle Chueca via Avery Parkway and Camino Capistrano in unincorporated county and the City of San Juan Capistrano. Construction of the portion of the bikeway in the unincorporated county will be funded with $48,000 in road funds, while the bikeway within the City of San Juan Capistrano will be funded with $40,000 in Harbors, Beaches and Parks District funds. Work estimated to cost $88,000 will include grading, paving, signing and striping for bikeway purposes.

PLATE NO. B4-5 IMPERIAL-EL CAJON BIKEWAY

Land Acquisition	4061-410-600	(H12115)	$236,000
Structures and Improvements	4061-420-670	(H07922)	291,000

Project Limits:
1. Beach Boulevard to Valencia Avenue - 7.8 miles
2. Valencia Avenue to Rose Drive - 0.7 miles
3. Valley View Avenue to Fairlynn Boulevard - 4.5 miles

The Imperial-El Cajon Bikeway as funded consists of three segments as follows:

1. A planning study is proposed for the route the Imperial-El Cajon Bikeway would take between Beach Boulevard and Valencia Avenue in the cities of La Habra, Fullerton and Brea. An in-house planning study, estimated to cost $10,000, was approved by Board Resolution No. 77-672.

2. Proposed is the acquisition in fee title of the abandoned Southern Pacific Transportation Company's right-of-way along Imperial Highway between Valencia Avenue and Rose Drive in the cities of Placentia and Brea. Acquisition costs are estimated to be $176,000, with $10,000 added for GSA/RED charges.

3. Proposed is the acquisition of the remaining parcels within the 60-foot wide strip of the El Cajon Canal between Grandview Avenue and Fairlynn Boulevard in the City of Yorba Linda and unincorporated county. Easement costs are expected to be $45,000 with $5,000 added for GSA/RED charges. The county would be responsible for trail construction in this area once the necessary right-of-way has been acquired. Also proposed is the construction of a Class I bikeway between Valley View Avenue and Grandview Avenue within the City of Yorba Linda. The city would act as lead agency on trail construction as well as be responsible for trail design between Valley View

Avenue and Fairlynn Boulevard. Improvements estimated to cost $291,000 would consist of grading, paving, drainage structure, signing and striping.

PLATE NO. B6 IRVINE-TRABUCO BIKEWAY

Land Acquisition	4061-410-634	(H12124)	$ 20,000

Project Limits: Bake Parkway to El Toro Road - 2.0 miles

Acquisition of two easements is proposed for implementation of a portion of the Irvine-Trabuco Bikeway. An easement is needed along the front of a dog kennel on the northeast side of Trabuco Road in the vicinity of Ascension Cemetery and in front of an Edison substation, all in unincorporated county. Since redevelopment of either of the aforementioned parcels is not likely in the near future, acquisitions of the easements will be necessary in order to put a Class I bikeway on the north side of Trabuco Road to link to the existing or proposed bikeway in this area. Acquisition costs of the easements are anticipated to be $15,000, with $5,000 added to cover GSA/RED charges.

*PLATE NO. B7-8 LAGUNA CANYON BIKEWAY

Structures and Improvements	4061-420-635	(H07929)	$ 20,000

Project Limits: 1. Old Laguna Canyon Road to El Toro Road - 3.7 miles
2. Canyon Acres Drive to Pacific Coast Highway - 1.0 miles

The Laguna Canyon Bikeway as funded consists of two segments as follows:

1. Proposed is the construction of a Class III bikeway located on both sides of Laguna Canyon Road between Old Laguna Canyon Road and El Toro Road in the cities of Irvine, Laguna Beach and unincorporated county. Improvements estimated to cost $5,000 will consist of signing and restriping the existing emergency parking lanes along Laguna Canyon Road in the project area for bikeway purposes.

2. Proposed is the construction of a Class I bikeway along Laguna Canyon Road between Canyon Acres Drive and Forest Avenue and a Class II bikeway along both sides of Ocean Avenue between Forest Avenue and Pacific Coast Highway, all in the City of Laguna Beach. Improvements estimated to cost $15,000 will consist of grading, paving, curb-cuts, signing and striping for bikeway purposes.

Segments one and two will be joined together by a Class II bikeway to be constructed along both sides of Laguna Canyon Road between El Toro Road and Canyon Acres Drive. Bikeway construction will be included in the Caltrans project to install traversable mediums on Laguna Canyon Road in this area.

PLATE NO. B9-11 LA HABRA-BEACH BIKEWAY

Structures and Improvements	4061-420-636	(H07801)	$ 10,000
Contributions to Other Agencies	4061-310	(H07714)	25,000

Project Limits: 1. Imperial Highway to Garden Grove Boulevard - 8.6 miles
2. Edinger Avenue to Pacific Coast Highway - 5.3 miles

The La Habra-Beach Bikeway as funded consists of two segments as follows:

1. Proposed is a planning study, estimated to cost $10,000, for an on/off road bikeway along Beach Boulevard between Imperial Highway and Garden Grove Boulevard in the cities of La Habra, Fullerton, Buena Park, Stanton and unincorporated county islands. An in-house planning study of the route was approved by Board Resolution No. 77-672.

2. Proposed is the construction of a Class II bikeway along both sides of Newland Avenue from Edinger Avenue to Garfield Avenue in the cities of Westminster and Huntington Beach. Also proposed is the reconstruction of an existing Class II bikeway on both sides of Newland Avenue from Garfield Avenue to Pacific Coast Highway in the City of Huntington Beach. The City of Huntington Beach would be lead agency on construction/reconstruction of this project. Reconstruction is necessary to bring the bikeway up to Caltrans standards for bikeways. Work estimated to cost $25,000 would consist of signing, striping and curb-cuts, with restriping and the addition of signs required for the reconstruction portion of the project.

PLATE NO. B12 LAGUNA NIGUEL BIKEWAY

Land Acquisition	4061-410-621	(H12121)	$ 17,000

Acquisition of an easement for a portion of the Laguna Niguel trail along Suphur Creek between Laguna Niguel Regional Park and Crown Valley Community Park in unincorporated county is proposed. The actual easement to be acquired will be determined by the location of the proposed Moulton Niguel's waste water treatment plant along Sulphur Creek and other development in the area. The cost to acquire the easement is expected to be $15,000 with $2,000 added for GSA/RED charges.

*PLATE NO. B13-18 PACIFIC COAST HIGHWAY

Structures and Improvements	4061-420-637	(H07803)	$ 28,000
Contributions to Other Agencies	4061-310-	(H07715)	152,000
Dana Point Tidelands Funds	1081-420-130		131,800
Streets & Highways Program Funds	1151-190-402	(R08493 & R08496)	87,000

Project Limits:
1. Ocean side of Pacific Coast Highway between Bolsa Chica State Beach and Beach Boulevard - 3.7 miles
2. Cameo Shores Road to Doheny Park Road - 14 miles
3. Pacific Coast Highway between Doheny Park Road and Camino Capistrano - 2.5 miles
4. Camino Capistrano to San Diego County Line - 4.8 miles

The Pacific Coast Bikeway as funded consists of four segments as follows:

1. Construction of a Class I bikeway between Bolsa Chica State Park and Beach Boulevard in the City of Huntington Beach is proposed. Improvements to the bikeway estimated to cost $152,000 would include grading, paving, signing, and striping for bikeway purposes. The City of Huntington Beach would assume lead agency responsibilities for bikeway construction under an agreement negotiated with the Harbors, Beaches and Parks District, City of Huntington Beach and State Parks and Recreation Department.

2. An in-house planning study of the route the bikeway would take is proposed between Cameo Shores Road and Doheny Park Road in the Cities of Dana Point, Newport Beach, Laguna Beach and unincorporated county. The study, estimated to cost $20,000, was approved by Board Resolution 77-672.

3. Proposed is the construction of a Class I bikeway along Coast Highway between Doheny Park Road and Beach Road and a Class II bikeway between Beach Road and Camino Capistrano, all in unincorporated county. Work will include the installation of containinG walls at various points on the inland side of Coast Highway, grading, paving, signing and striping for bikeway purposes.

   Construction costs will be $250,000 with $131,800 in Dana Point tidelands and $87,000 in Streets and Highways Program funds allocated for project development. A grant of $46,000 in State Bicycle Lane Account funds have also been received for the project. It is anticipated that a grant of $50,000 in Bicentennial Bike Route funds will also be received in FY 77-78 for the project.

4. Preparation of a bikeway planning study estimated to cost $8,000 is proposed from Camino Capistrano to the San Diego County line all in the City of San Clemente. The City of San Clemente would be lead agency on the planning study through a cooperative project agreement negotiated with the Harbors, Beaches and Parks District.

PLATE NO. B19 PETERS CANYON TRAIL

Structures and Improvements	4061-420-620	(H07919)	$ 70,000

Proposed is the construction of an underpass, estimated to cost $70,000 at Warner Avenue and Peters Canyon channel in the City of Irvine. The underpass is part of a bikeway project already funded with HBPD funds in FY 76-77 along Peters Canyon channel and Harvard Avenue between Main Street and Walnut Avenue.

*PLATE NO. B20 RAILROAD BIKEWAY

Land Acquisition (Santa Fe RR)	4061-410-300	(H12119)	$150,000
Structures and Improvements (So. Pac. RR)	4061-420-340	(H07663)	320,000
Land Acquisition-Revenue Sharing Funds	1221-410-280	(H07696)	310,000

Project Limits: 1. Katella Avenue/Villa Park Road to Newport Avenue - 4.3 miles
2. Newport Avenue to Browning Avenue - 1.1 miles

The Railroad Bikeway as funded consists of two segments as follows:

1. Proposed is the acquisition of right-of-way from the Southern California Transportation Company along the abandoned Tustin line between Katella Avenue/Villa Park Road and Newport Avenue through the cities of Orange and Tustin and unincorporated county. Acquisition cost is anticipated to be $275,000 in revenue sharing funds. Also proposed is the development of a Class I bikeway within said right-of-way. Work estimated to cost $320,000 will include grading, paving, signals, landscaping, grading and paving for bikeway purposes.

2. Acquisition from the Santa Fe Transportation Company (et. al.) of the abandoned railroad right-of-way located between Newport Avenue and Browning Avenue in the City of Tustin and unincorporated county is proposed. Costs to acquire the right-of-way is estimated to be $145,000, with $5,000 added to cover GSA/RED charges.

PLATE NO. B21 SANTA ANA RIVER TRAIL

Land Acquisition	4061-410-629	(H12122)	$ 35,000
Structures and Improvements	4061-420-290	(H07660)	391,000

Project Limits: 1. Imperial Highway to Yorba Park Access Road - 2.8 miles
2. Yorba Park Access Road to Gypsum Canyon Road/Caltrans Bicycle Trail - 3.0 miles

The Santa Ana River Trail as funded consists of two segments as follows:

1. Construction of a Class I trail between Imperial Highway and Yorba Park Access Road in the City of Anaheim and unincorporated county is proposed. Improvements would include grading, paving, signing and striping for bikeway purposes. Also funded will be the concurrent development of a parallel equestrian trail. Improvements will include grading, drainage structures, signing and a bridge crossing of the Santa Ana River.

2. Construction of a Class I trail between Yorba Park Access Road and Gypsum Canyon Road/Caltrans bicycle trail is proposed, all in the unincorporated county. The trail would be developed through the land recently acquired from the state in exchange for a portion of Featherly Regional Park taken for the construction of the Riverside Freeway.

   Construction of segments one and two is anticipated to cost $391,000 with right-of-way expected to cost $30,000. $5,000 has been added to cover GSA/RED charges.

PLATE NO. B22 SAN DIEGO CREEK TRAIL

Contributions to Other Agencies	4061-310-	(H07716)	$ 15,000

Proposed is the construction of a Class I bikeway from the intersection of East Bluff Drive and Jamboree Road, northerly along Jamboree Road to San Diego Creek; then easterly along the San Diego Creek to Old MacArthur Boulevard, all in the City of Newport Beach. This project has been coordinated with the City of Newport Beach's road project on Jamboree Road and the State of California road project for the reconstruction of MacArthur Boulevard. Work estimated to cost $15,000 will include paving, grading, signing and the construction of a small wooden bridge.

PLATE NO. B23 SLATER BIKEWAY

Structures and Improvements	4061-420-829	(H08005)	$22,000

Project Limits: 1. Pacific Coast Highway to Edwards Street - 2.0 miles
2. Edwards Street to Newland Street - 2.0 miles

The Slater Bikeway as funded consists of two segments as follows:

1. Acquisition of an easement necessary to construct a Class I bikeway along the Wintersburg Channel between Pacific Coast Highway and Edwards Street in unincorporated county is proposed. Acquisition of the easement will hinge on the outcome of studies being prepared by the county and the State of California on the Bolsa Chica marsh area. The trail easement is expected to cost $10,000, with $2,000 added for GSA/RED charges.

2. Development of a Class II bikeway on Slater Avenue between Edwards Avenue and Newland Street is proposed. Work estimated to cost $10,000 would include grading, paving, signing and striping for bikeway purposes.

PLATE NO. B24-25 TITAN BIKEWAY

Structures and Improvements	4061-420-608	(H08004)	$93,000

Project Limits:
1. Craig Regional Park to Nutwood Avenue - 1 mile
2. Commonwealth Avenue to the Fullerton/Anaheim city limits - 1.6 miles
3. Fullerton/Anaheim city limits to Cerritos Avenue - 3.3 miles

The Titan Bikeway as funded consists of three segments as follows:

1. Construction of a Class I and Class II bikeway between Craig Regional Park and Nutwood Avenue in the City of Fullerton is proposed. Improvements estimated to cost $40,000 will consist of grading, paving, signing and striping for bikeway purposes.

2. A planning study estimated to cost $1,000 and construction of a Class II bikeway, estimated to cost $10,000, is proposed between Commonwealth Avenue and the Fullerton/Anaheim city limits. Work would include grading, paving, signing and striping for bikeway purposes.

3. A route study estimated to cost $1,000 and construction of a Class II bikeway estimated to cost $40,000 between the Fullerton/Anaheim city limits and Cerritos Avenue is proposed. A portion of the proposed bikeway along Sunkist Street between Lincoln Avenue and Ball Road has already been completed by the City of Anaheim. Work will consist of grading, paving, signing and striping.

PLATE NO. B26-27 WOODBRIDGE TRAIL

Contributions to Other Agencies	4061-310	(H07717)	$125,000
Structures and Improvements	4061-420-620	(H07919)	177,000

Project Limits:
1. Peters Canyon Channel to Jeffrey Road -2.2 miles
2. Jeffrey Road to Laguna Canyon Road - 2.4 miles

The Woodbridge Trail as funded consists of two segments as follows:

1. Construction of a Class I trail between Peters Canyon Channel and the northeast side of Jeffrey Road in the City of Irvine is proposed. The City would undertake this project as lead agency under an agreement negotiated with the HBP District. Work estimated to cost $125,000 would

consist of grading, paving, installation of drainage facilities, signing and striping for bikeway purposes. The Irvine Company will design the trail at no cost to the District and dedicate the necessary right-of-way for construction of the bikeway not already under the control of the county.

2. A Class II bikeway is proposed to be constructed on both sides of Barranca Road between Jeffrey Road and Sand Canyon Avenue all in the City of Irvine. The bikeway would continue along old Laguna Canyon Road between Sand Canyon Avenue and Laguna Canyon Road in the City of Irvine and unincorporated county. Improvements would include grading, paving, signing and striping for bikeway purposes. Street and highway funds in the amount of $53,000 will also be needed to pay for construction of the project in unincorporated county. $177,000 in HBPD funds would be needed for construction of the project within the City of Irvine.

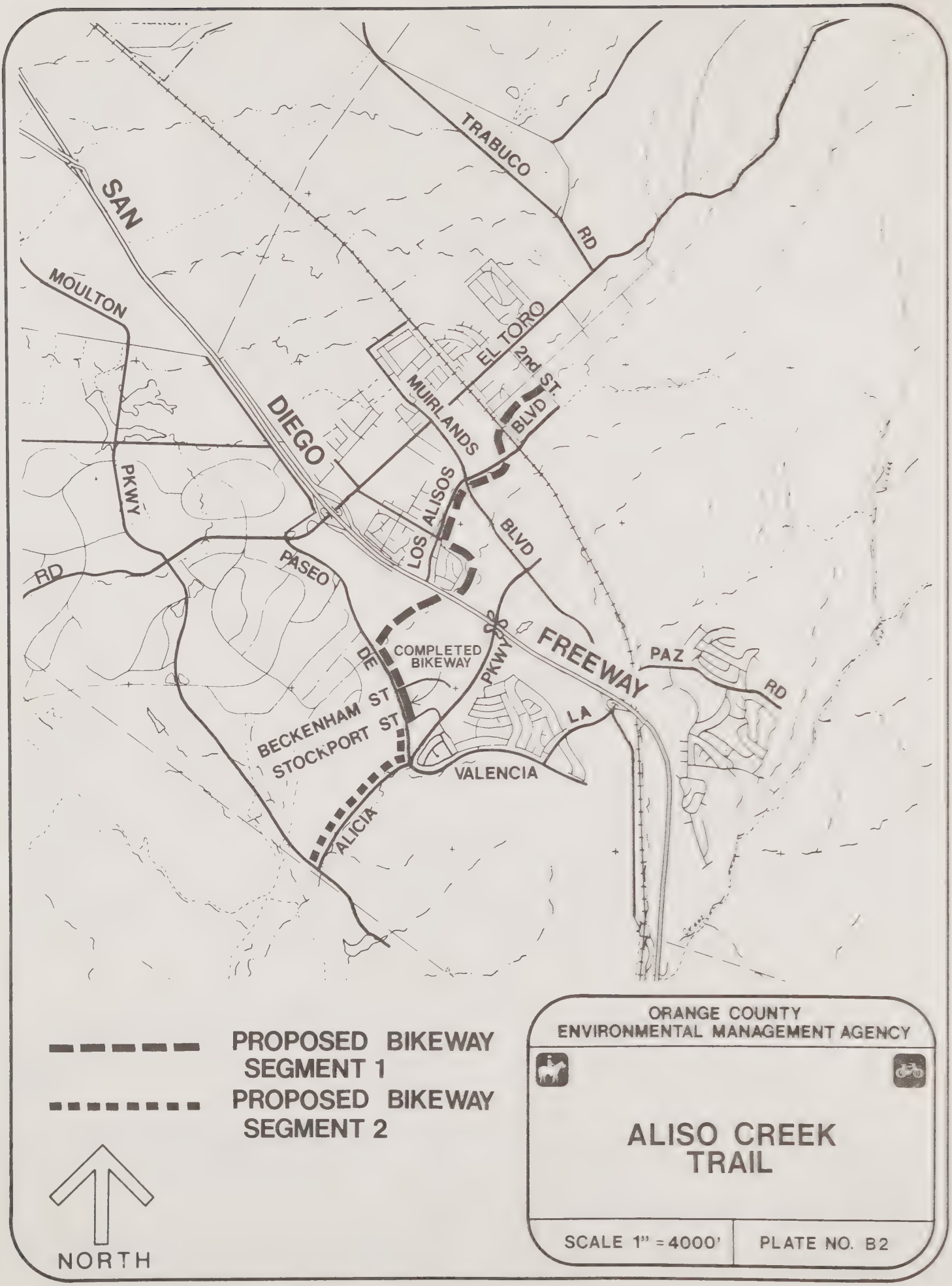
PROPOSED BIKEWAY

NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

ALAMITOS–SUNKIST BIKEWAY

SCALE 1" = 8000'	PLATE NO. B1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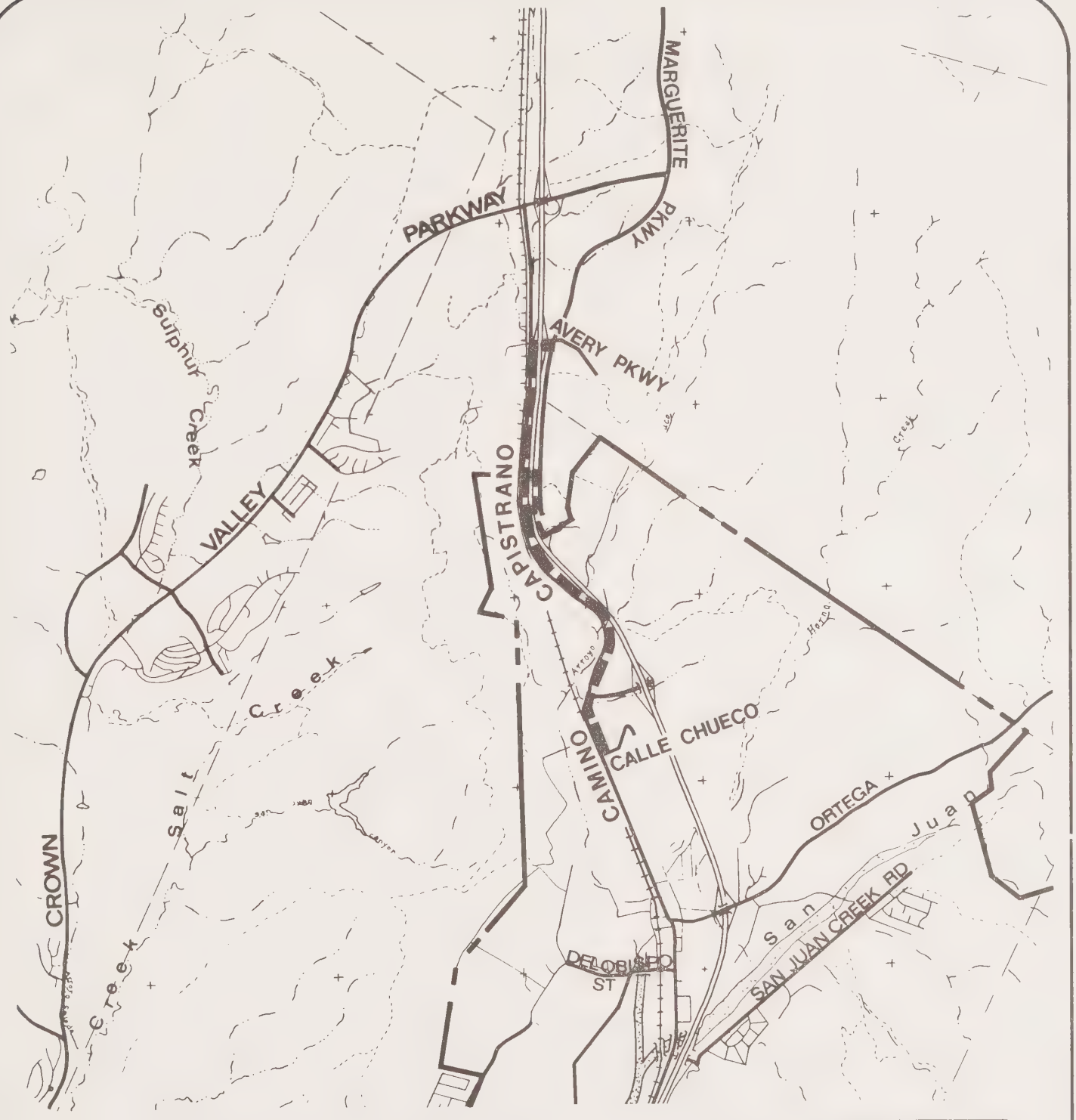
RD
PASEO
DE
COMPLETED BIKEWAY
PKWY
FREEWAY
PAZ
RD
BECKENHAM ST
STOCKPORT ST
LA
VALENCIA
ALICIA
PROPOSED BIKEWAY SEGMENT 1
PROPOSED BIKEWAY SEGMENT 2
NORTH
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
ALISO CREEK
TRAIL
SCALE 1" = 4000'
PLATE NO. B2



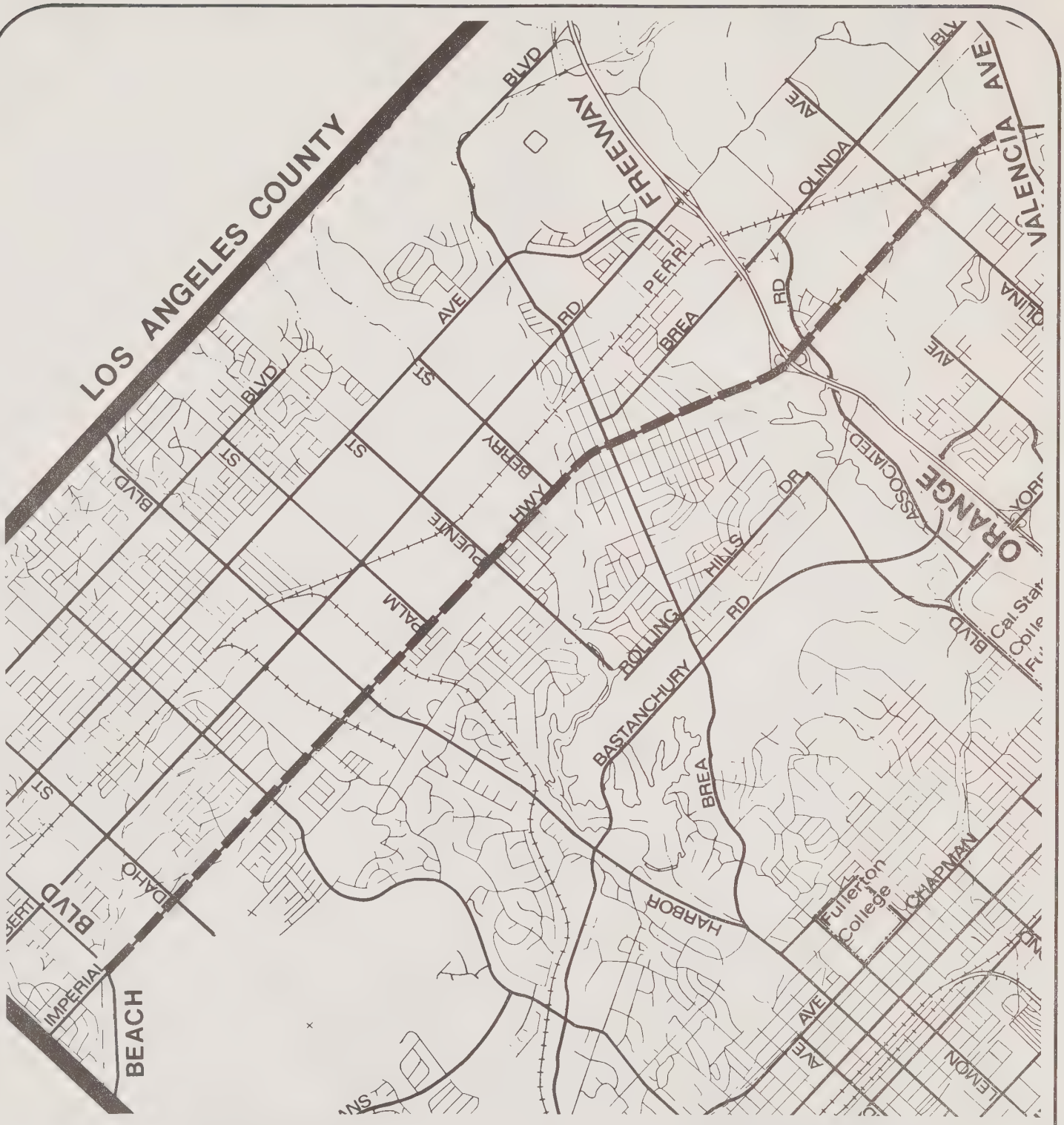
PROPOSED BIKEWAY

NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

CAPISTRANO VALLEY TRAIL

SCALE 1" = 4000' | PLATE NO. B3



PROPOSED BIKEWAY
SEGMENT 1

NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

IMPERIAL-EL CAJON BIKEWAY

SCALE 1" = 4000'

PLATE NO. B4

PROPOSED BIKEWAY SEGMENT 2

PROPOSED BIKEWAY SEGMENT 3

EXISTING BIKEWAY

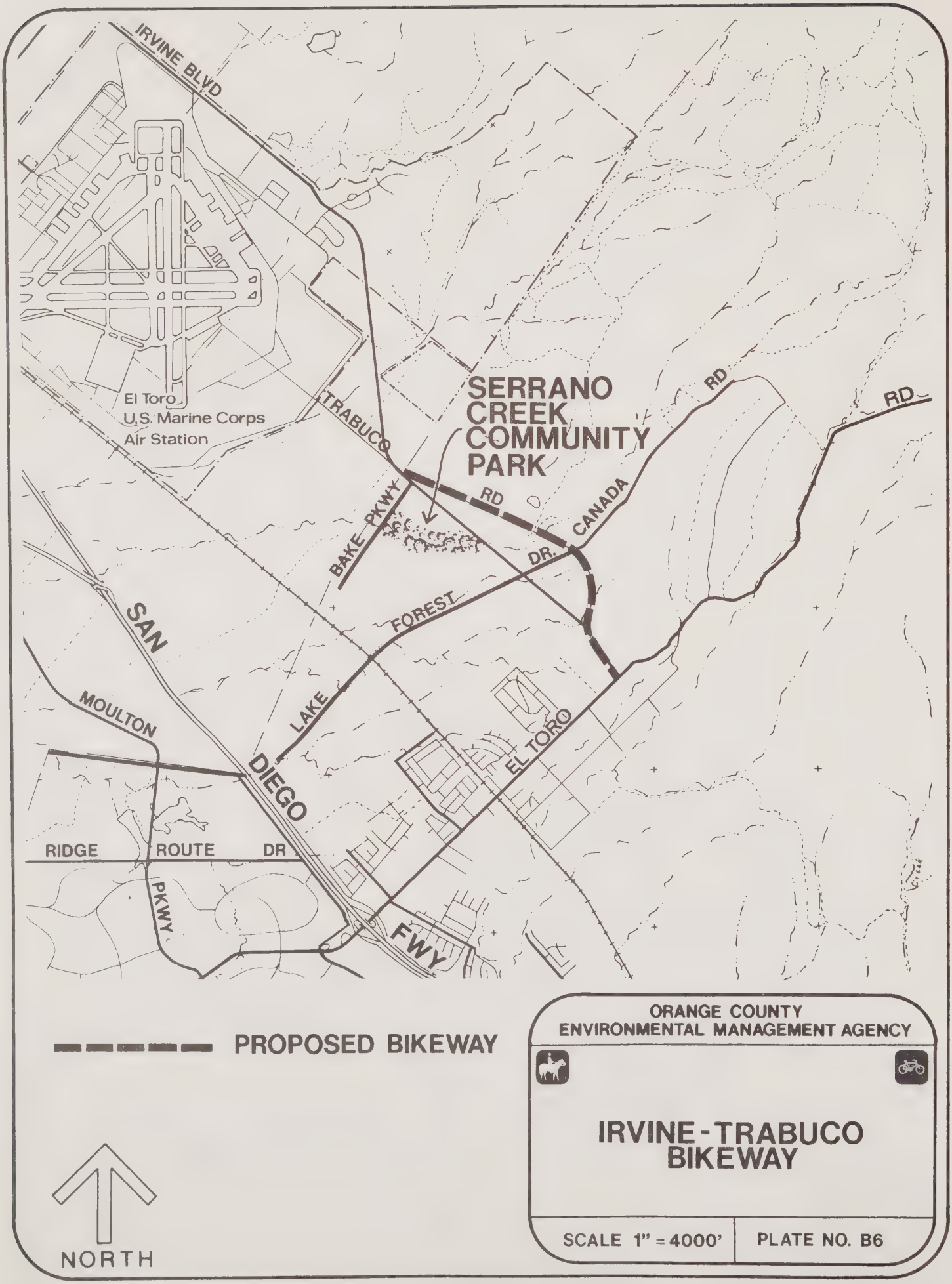
NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

IMPERIAL - EL CAJON BIKEWAY

SCALE 1" = 4000'

PLATE NO. B5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Air Station
TRABUCO
SERRANO
CREEK
COMMUNITY
PARK
RD
RD
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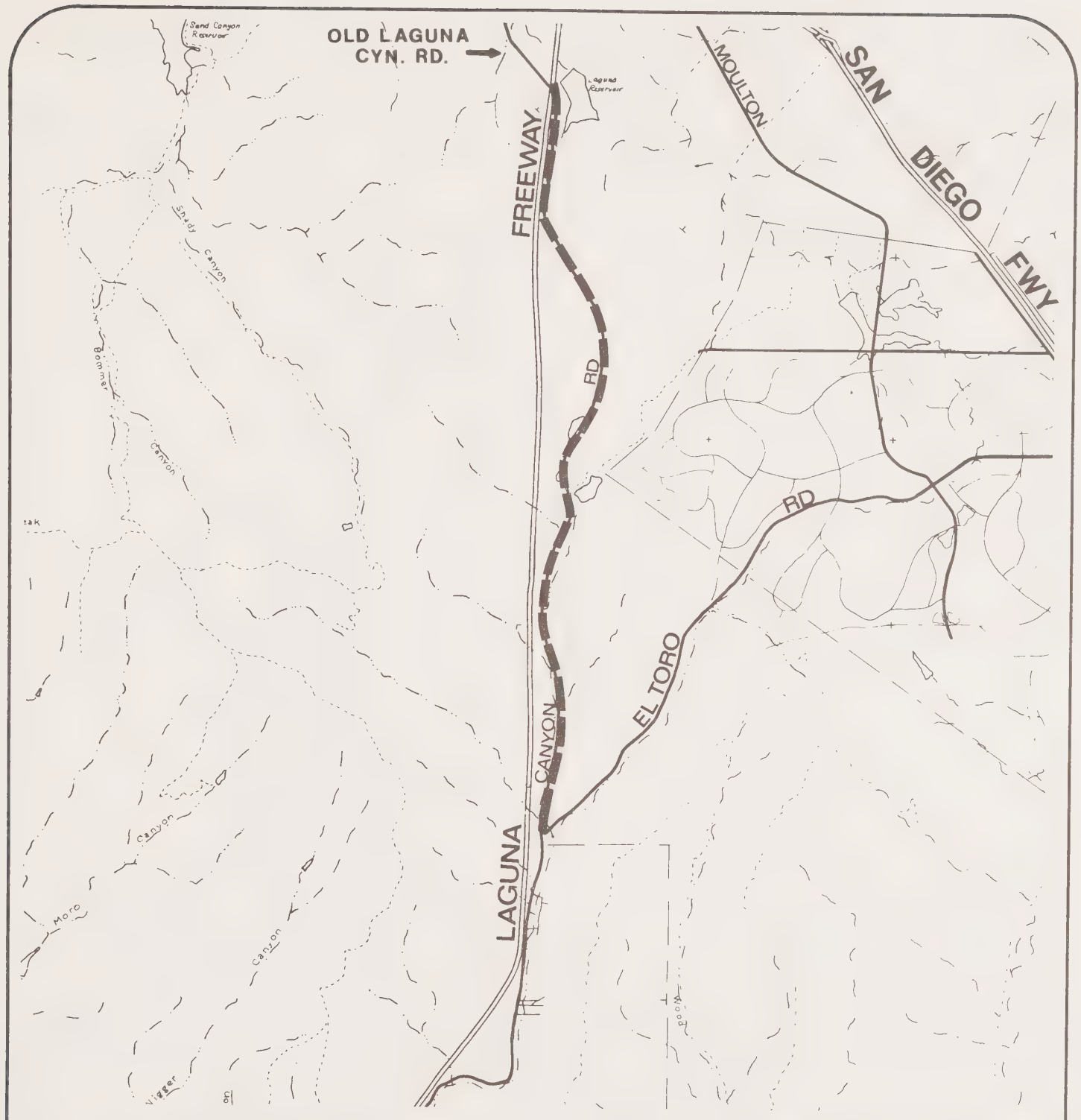
CANADA
BAKE PKWY
DR.
FOREST
SAN
MOULTON
LAKE
DIEGO
EL TORO
RIDGE
ROUTE
DR
PKWY
FWY
PROPOSED BIKEWAY
NORTH
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
IRVINE-TRABUCO
BIKEWAY
SCALE 1" = 4000'
PLATE NO. B6


OLD LAGUNA CYN. RD.
Sand Canyon Reservoir
Laguna Reservoir
FREEWAY
LAGUNA CANYON RD
MOULTON
SAN DIEGO FWY
EL TORO RD
Shady Canyon
Canyon
Moro
Canyon
Canyon
Viejer
PROPOSED BIKEWAY SEGMENT 1
NORTH
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
LAGUNA CANYON
BIKEWAY
SCALE 1"=4000'
PLATE NO. B7

PROPROSED BIKEWAY SEGMENT 2

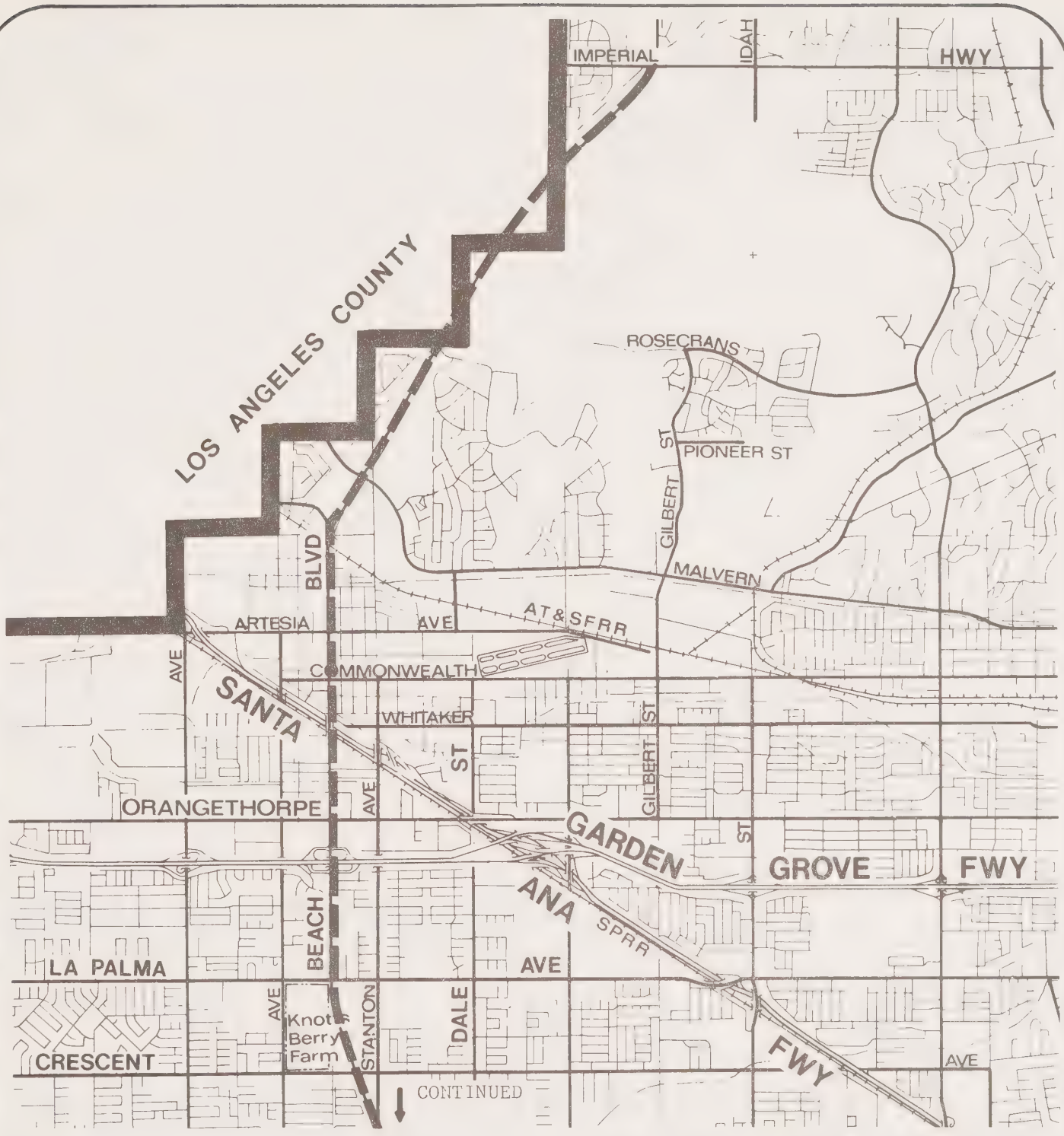
TO BE CONSTRUCTED BY CALTRANS

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

LAGUNA CANYON BIKEWAY

SCALE 1"=4000'

PLATE NO. B8



PROPOSED BIKEWAY SEGMENT 1

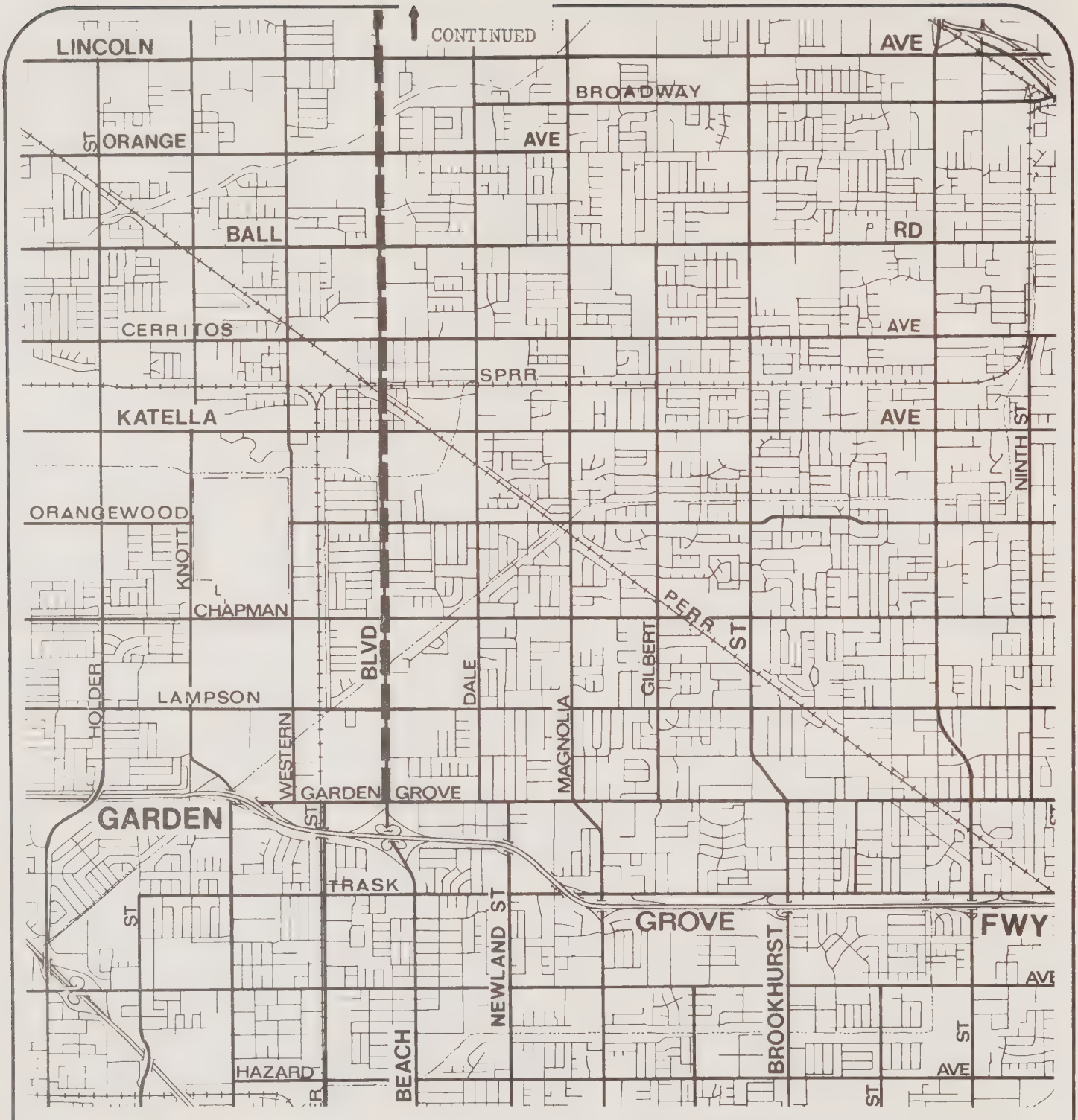
NORTH

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

LA HABRA-BEACH BIKEWAY

SCALE 1" = 4000'

PLATE NO. B9



PROPOSED BIKEWAY SEGMENT 1

NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

LA HABRA-BEACH BIKEWAY

SCALE 1" = 4000'

PLATE NO. B10

PROPOSED BIKEWAY SEGMENT 2

PROPOSED BIKEWAY TO BE RECONSTRUCTED

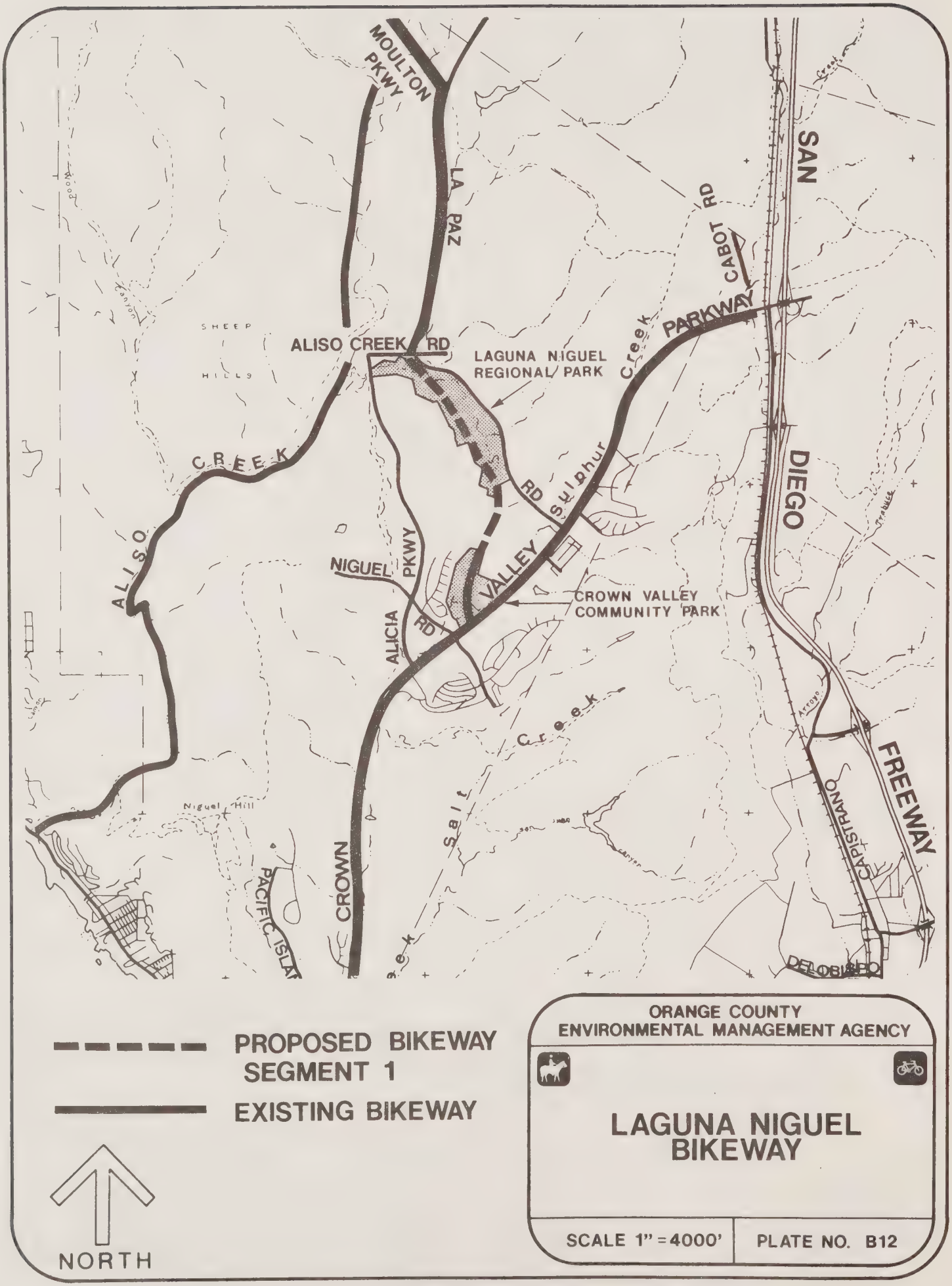
NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

LA HABRA-BEACH BIKEWAY

SCALE 1" = 4000'

PLATE NO. B11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CABOT RD
PARKWAY
ALISO CREEK RD
LAGUNA NIGUEL REGIONAL PARK
Sulphur Creek
ALISO CREEK
NIGUEL PKWY
ALICIA PKWY
VALLEY RD
CROWN VALLEY COMMUNITY PARK
CROWN
Salt Creek
CAPISTRANO
PACIFIC ISLAND
Niguel Hill
SHEEP HILLS
PROPOSED BIKEWAY SEGMENT 1
EXISTING BIKEWAY
NORTH
ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
LAGUNA NIGUEL BIKEWAY
SCALE 1" = 4000'
PLATE NO. B12

PROPOSED BIKEWAY SEGMENT 1

EXISTING BIKEWAY

NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

PACIFIC COAST BIKEWAY

SCALE 1" = 4000'

PLATE NO. B13

PROPOSED BIKEWAY SEGMENT 2

NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

PACIFIC COAST BIKEWAY

SCALE 1" = 4000'

PLATE NO. B14

PROPOSED BIKEWAY SEGMENT 2

NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

PACIFIC COAST BIKEWAY

SCALE 1"=4000' | PLATE NO. B15

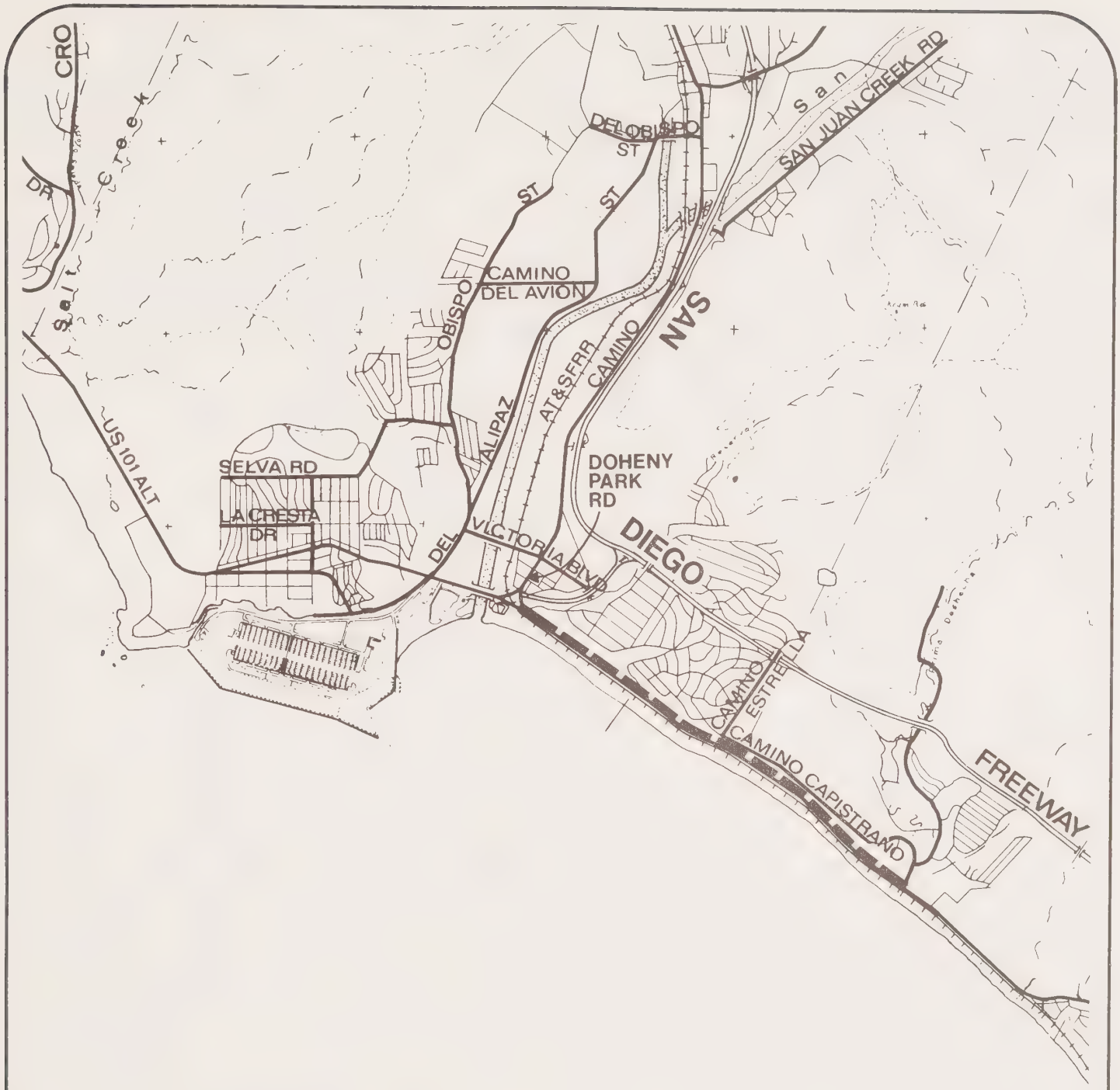
PROPOSED BIKEWAY SEGMENT 2

NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

PACIFIC COAST BIKEWAY

SCALE 1"=4000' | PLATE NO. B16



PROPOSED BIKEWAY SEGMENT 3

NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

PACIFIC COAST BIKEWAY

SCALE 1"=4000' | PLATE NO. B17

PROPOSED BIKEWAY SEGMENT 4

EXISTING BIKEWAY

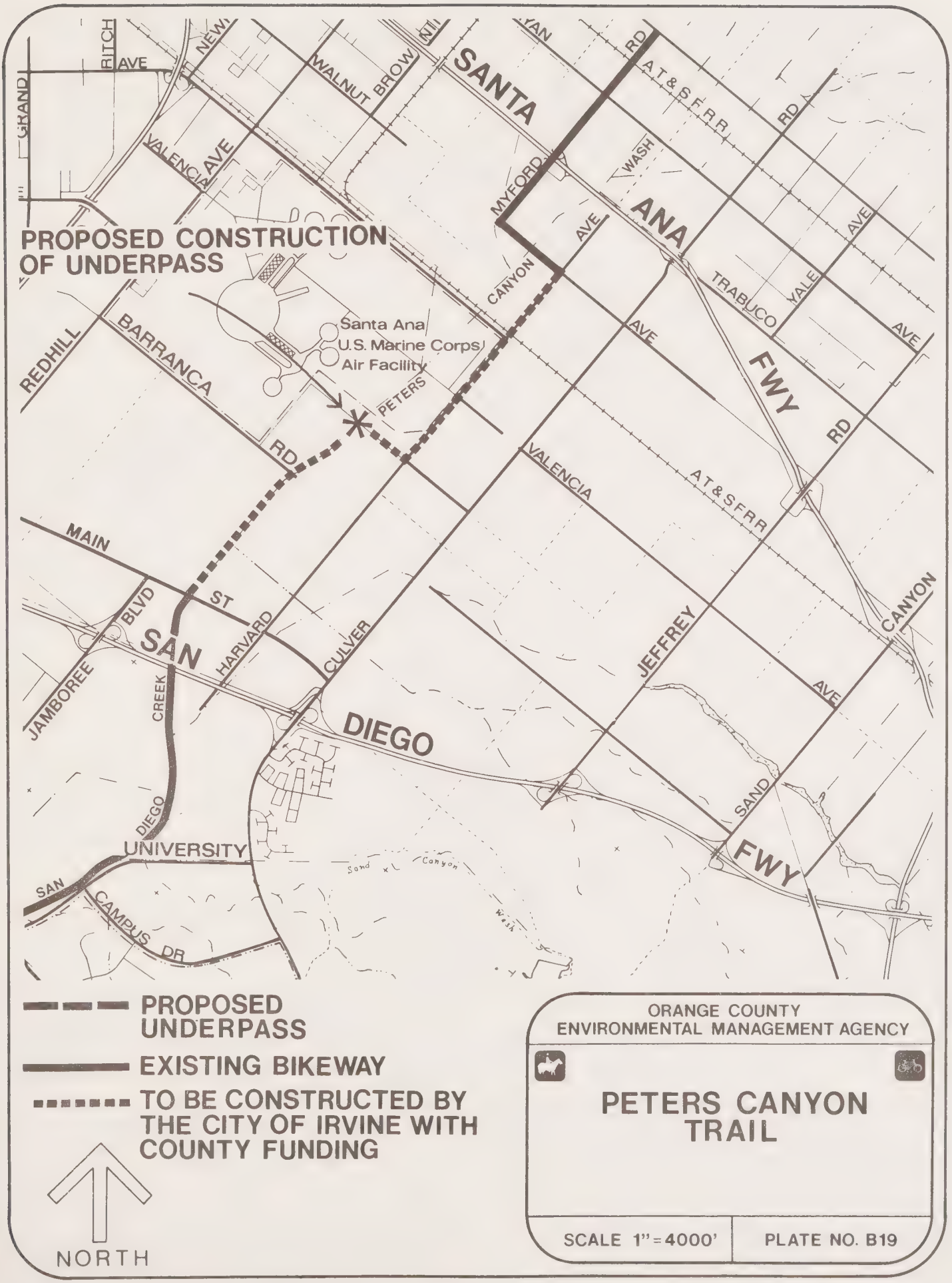
NORTH

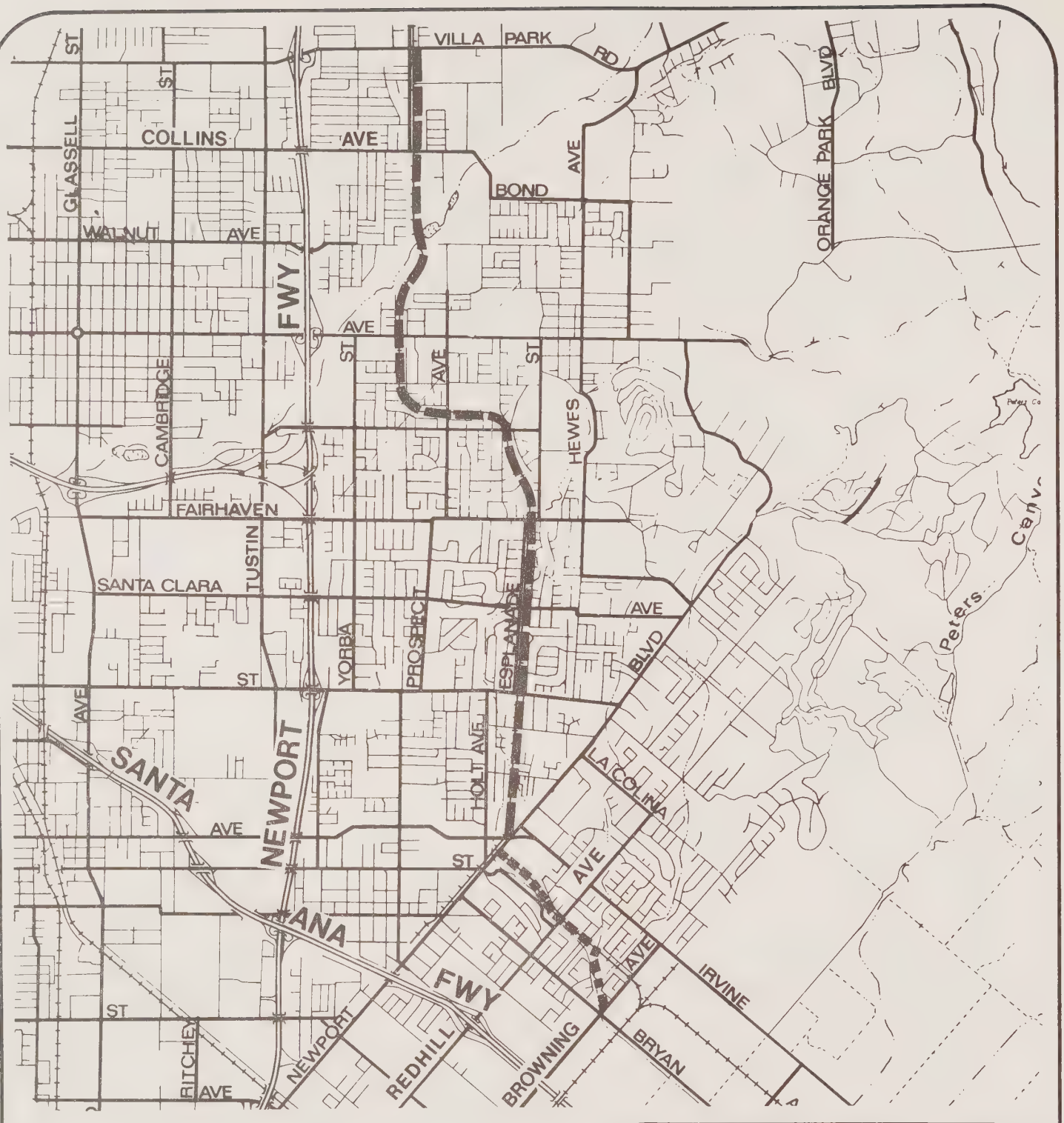
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

PACIFIC COAST BIKEWAY

SCALE 1"=4000'

PLATE NO. B18


PROPOSED CONSTRUCTION OF UNDERPASS
Santa Ana U.S. Marine Corps Air Facility
SANTA ANA
SAN DIEGO
FWY
FWY
A T & S F R R
RITCH AVE
NEWI
WALNUT BROW
VALENCIA AVE
GRAND
MYFORD
WASH
RD
AVE
CANYON
TRABUCO
YALE
REDHILL
BARRANCA
RD
PETERS
VALENCIA
MAIN
ST
BLVD
HARVARD
CULVER
JAMBOREE
CREEK
DIEGO
UNIVERSITY
SAN
CAMPUS DR
JEFFREY
SAND
Sand Canyon
Wash
PROPOSED UNDERPASS
EXISTING BIKEWAY
TO BE CONSTRUCTED BY THE CITY OF IRVINE WITH COUNTY FUNDING
NORTH
ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
PETERS CANYON TRAIL
SCALE 1" = 4000'
PLATE NO. B19



PROPOSED BIKEWAY SEGMENT 1

PROPOSED BIKEWAY SEGMENT 2

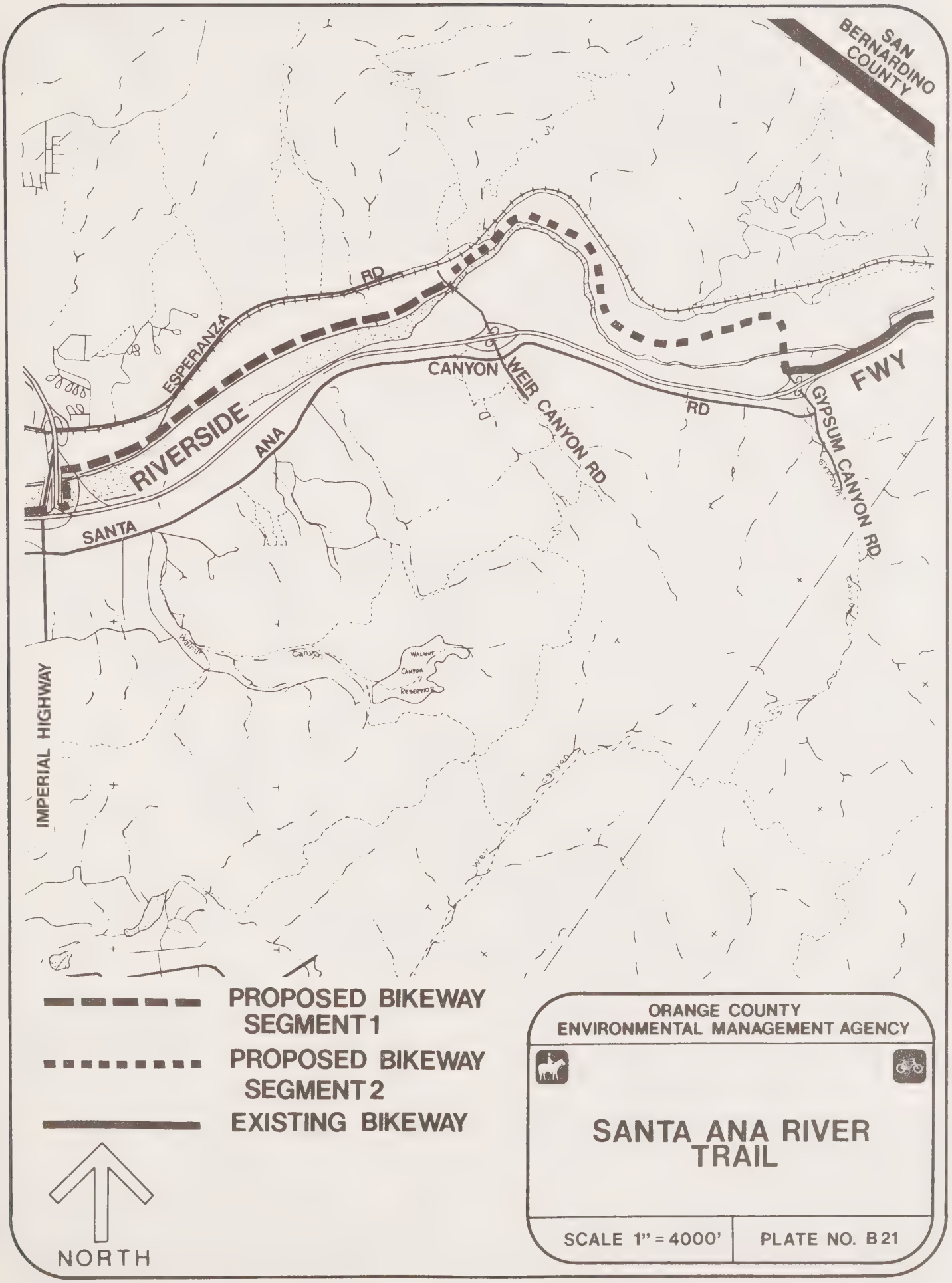
NORTH

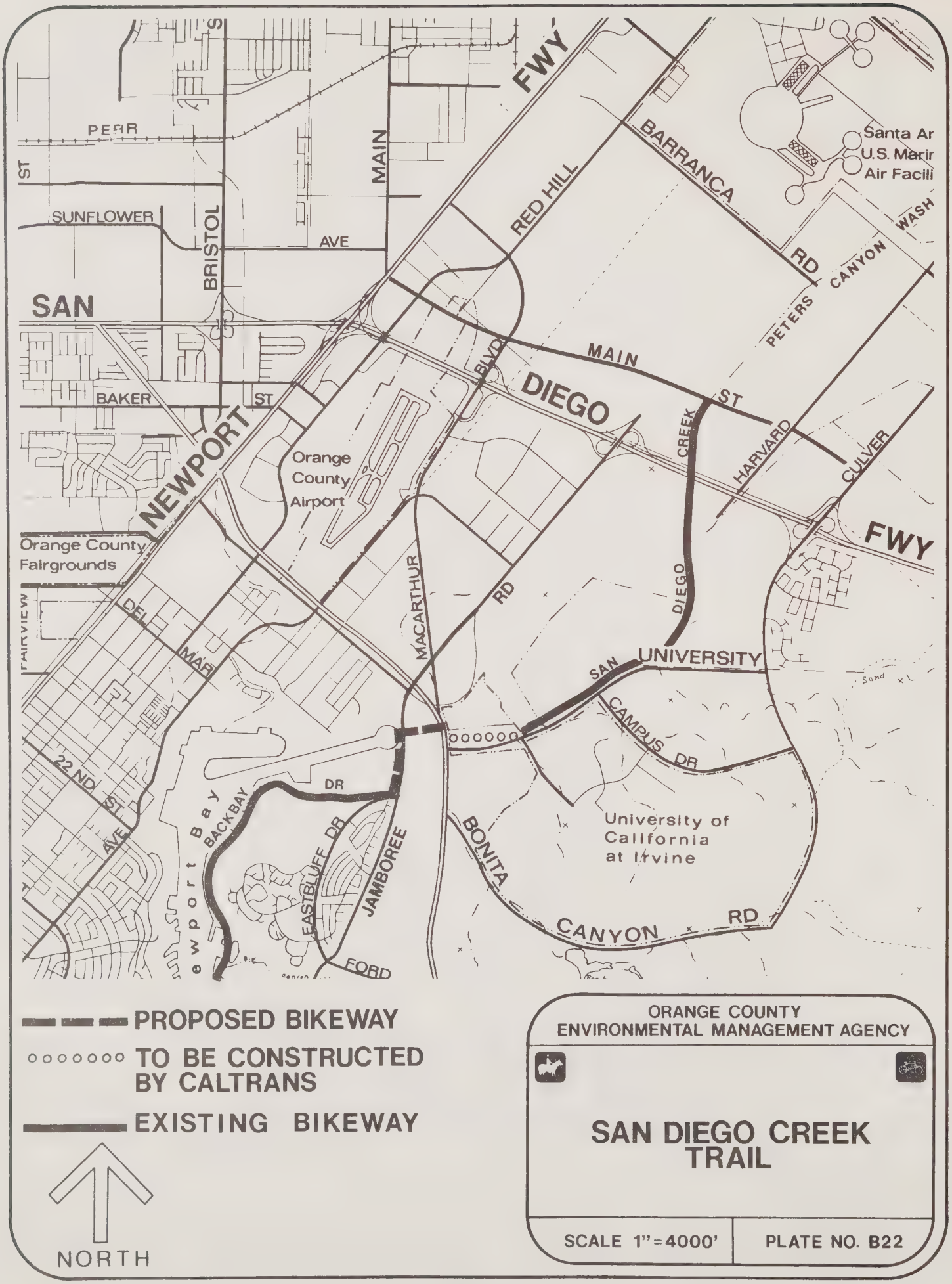
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

RAILROAD BIKEWAY

SCALE 1" = 4000'

PLATE NO. B20

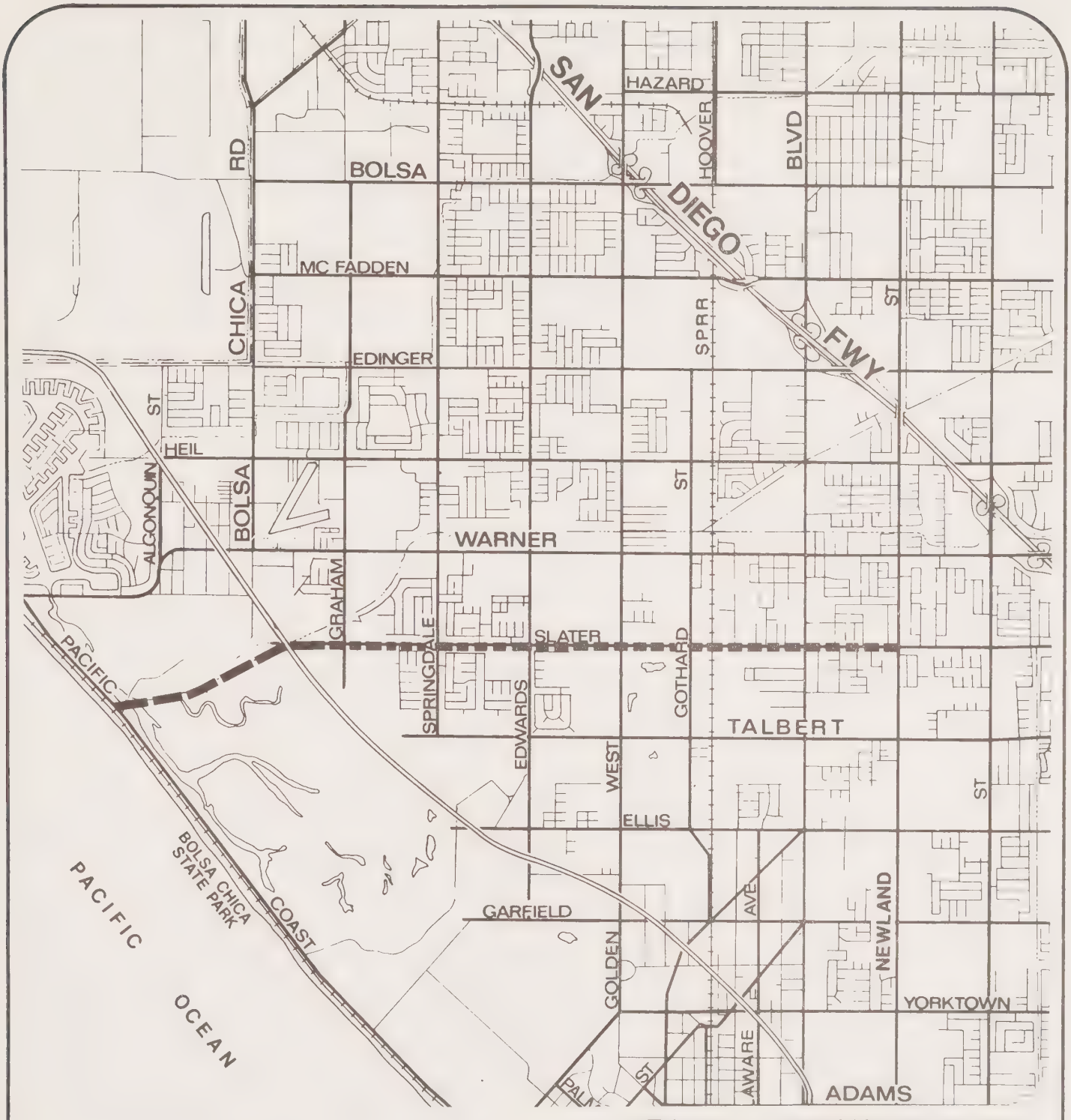

SAN BERNARDINO COUNTY
ESPERANZA RD
RIVERSIDE
ANA
SANTA
CANYON
WEIR CANYON RD
RD
FWY
GYPSUM CANYON RD
IMPERIAL HIGHWAY
WALNUT CANYON RESERVOIR
PROPOSED BIKEWAY SEGMENT 1
PROPOSED BIKEWAY SEGMENT 2
EXISTING BIKEWAY
NORTH
ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
SANTA ANA RIVER TRAIL
SCALE 1" = 4000'
PLATE NO. B21



ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

SAN DIEGO CREEK TRAIL

SCALE 1"=4000' | PLATE NO. B22



PROPOSED BIKEWAY SEGMENT 1

PROPOSED BIKEWAY SEGMENT 2

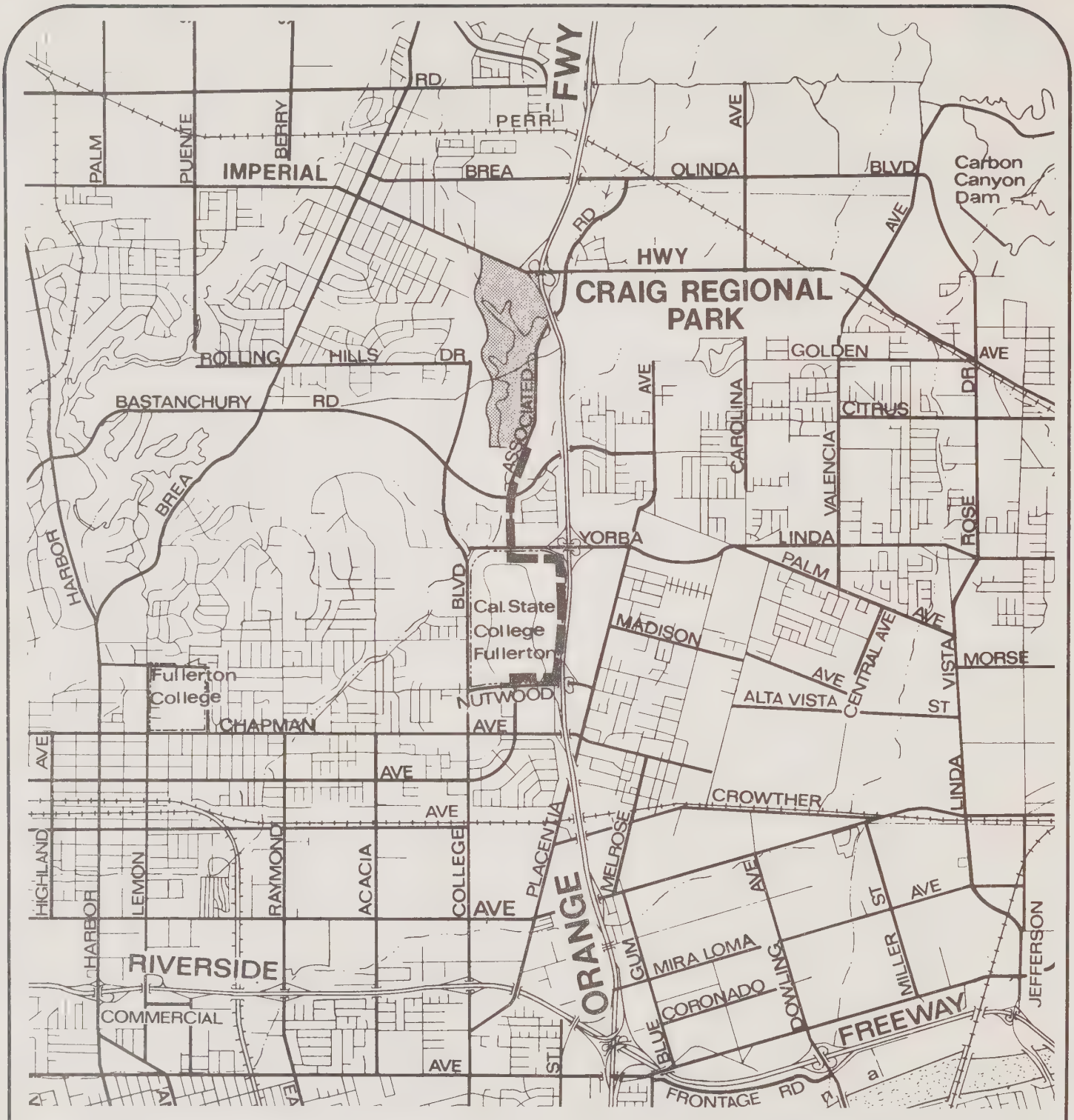
NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

SLATER BIKEWAY

SCALE 1" = 4000'

PLATE NO. B23



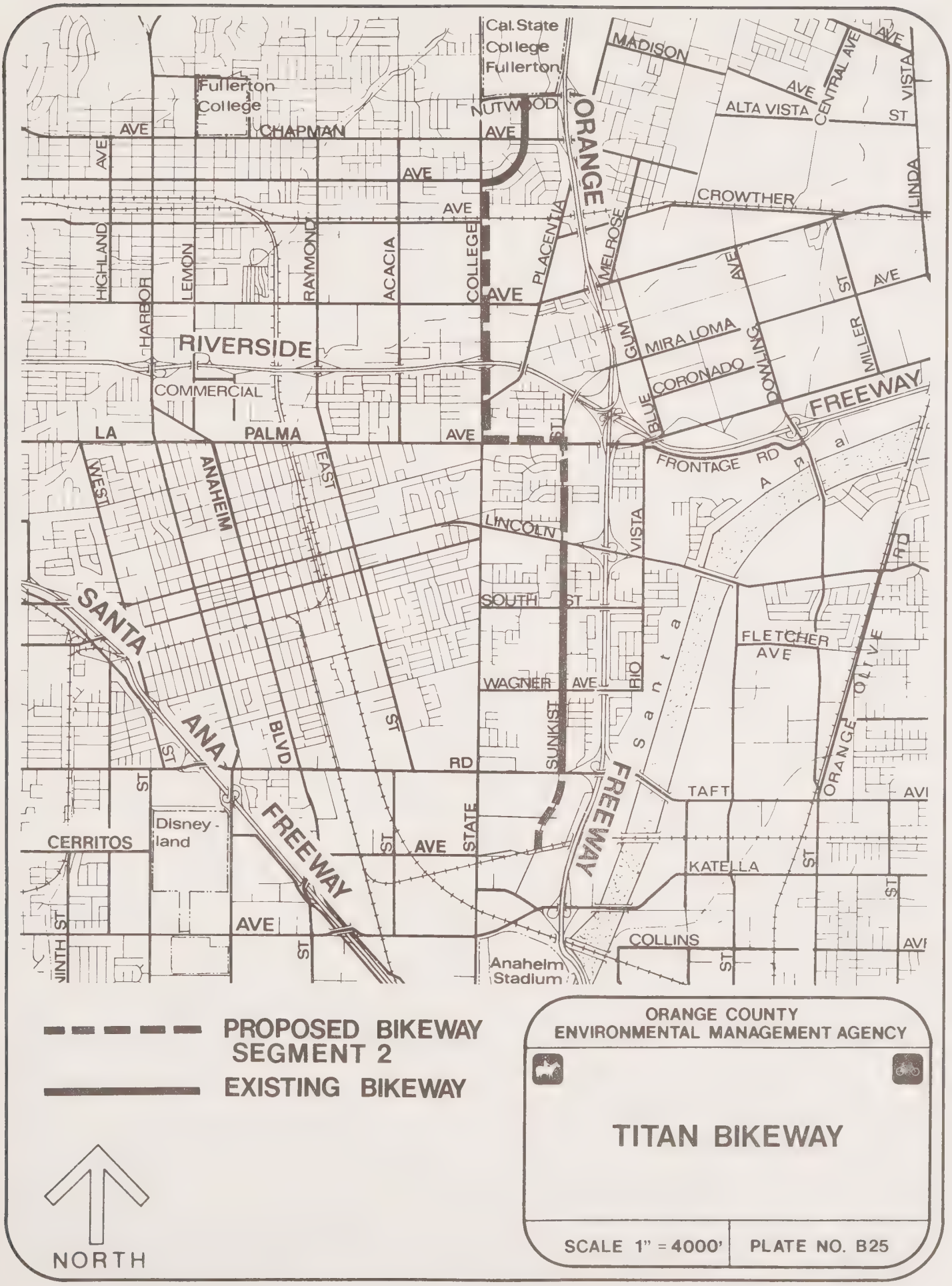
PROPOSED BIKEWAY SEGMENT 1

NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

TITAN BIKEWAY

SCALE 1"=4000' | PLATE NO. B24



PROPOSED BIKEWAY SEGMENT 2

EXISTING BIKEWAY

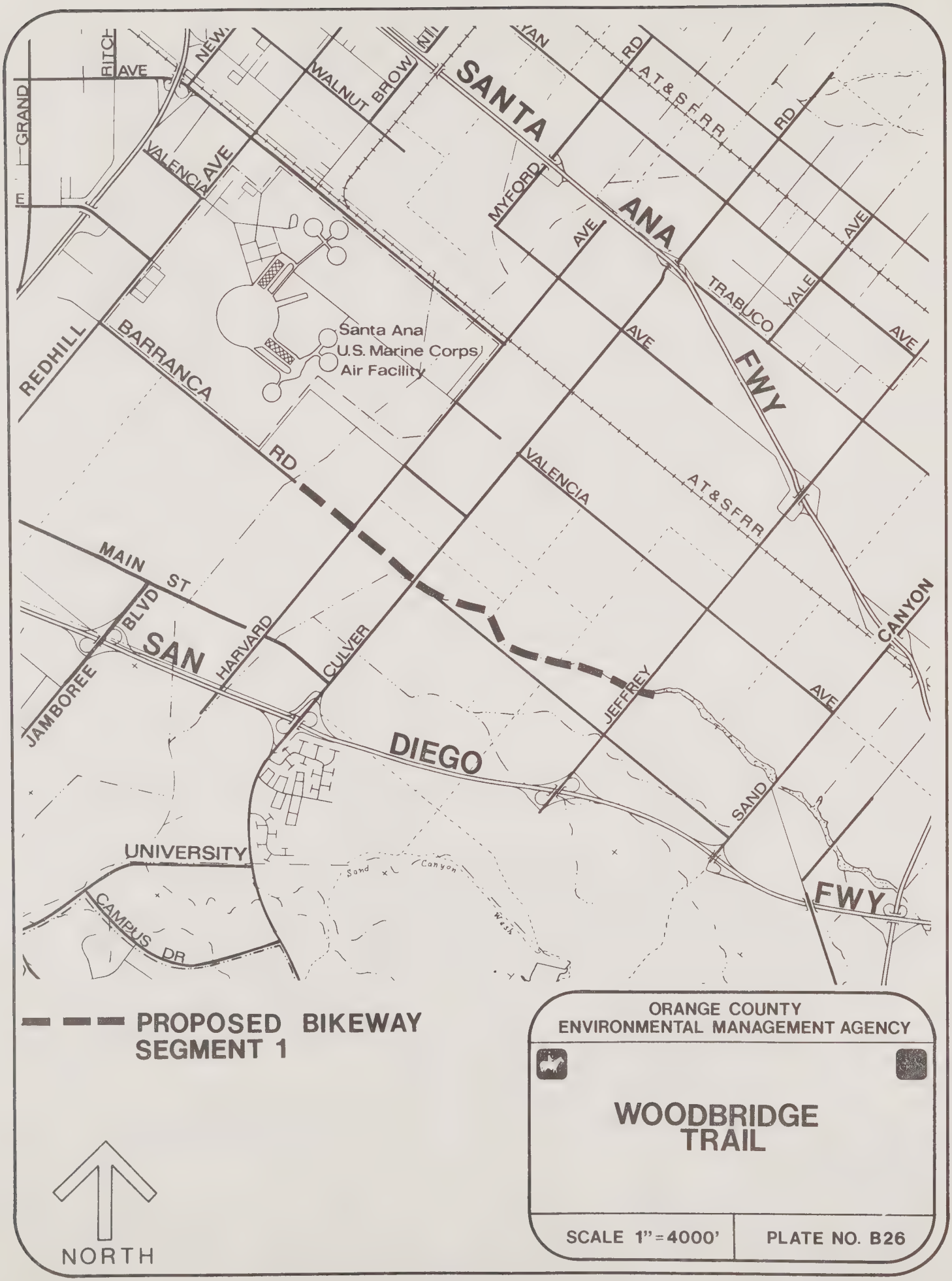
NORTH

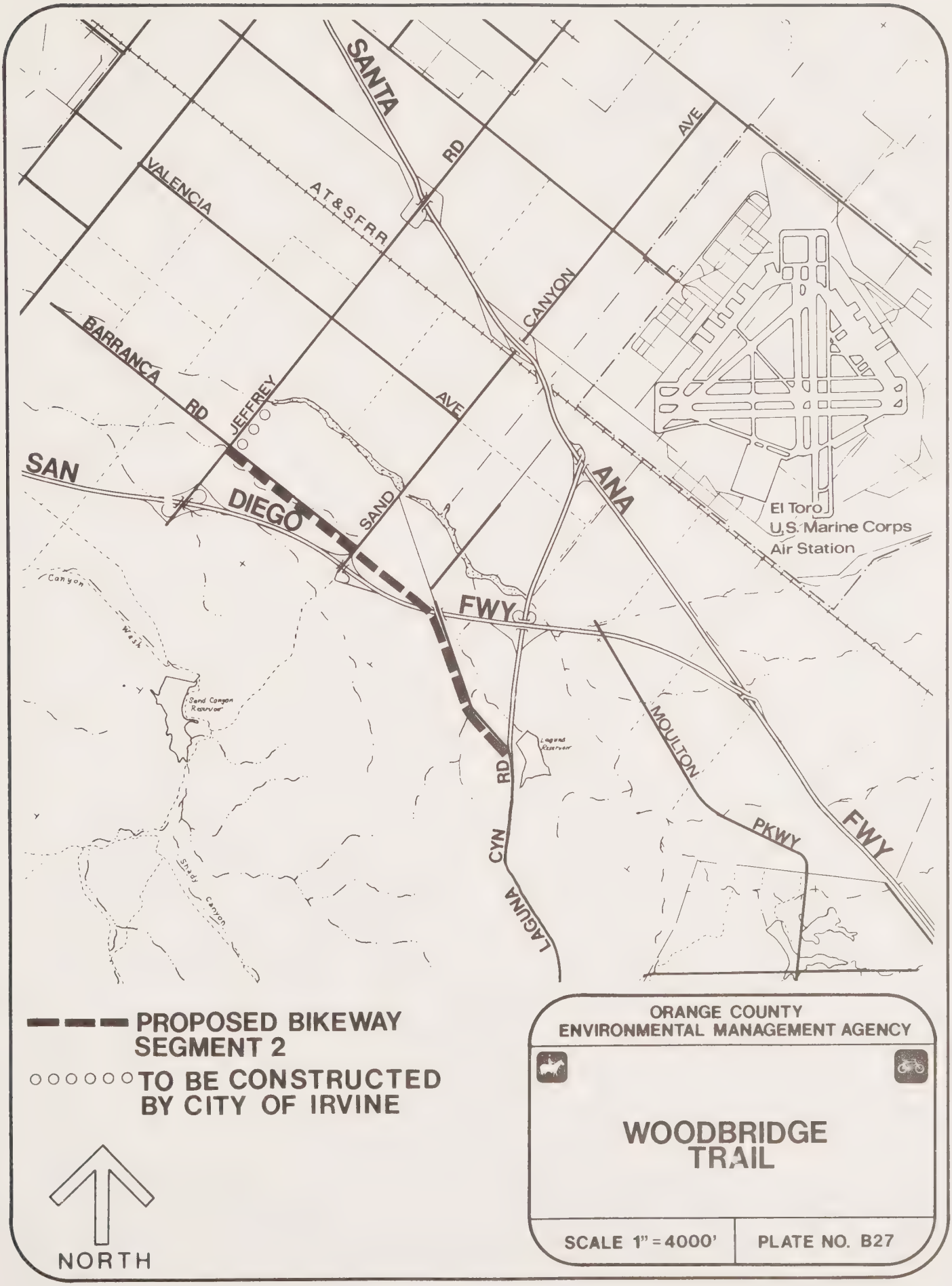
ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

TITAN BIKEWAY

SCALE 1" = 4000'

PLATE NO. B25


GRAND
AVE
VALENCIA AVE
WALNUT BROW
SANTA
ANA
MYFORD
AVE
AT&SFRR
RD
TRABUCO
YALE
AVE
FWY
Santa Ana
U.S. Marine Corps
Air Facility
REDHILL
BARRANCA
RD
VALENCIA
AT&SFRR
MAIN ST
BLVD
SAN
HARVARD
CULVER
JAMBOREE
DIEGO
JEFFREY
CANYON
SAND
UNIVERSITY
CAMPUS DR
Sand Canyon
West
FWY
PROPOSED BIKEWAY
SEGMENT 1
NORTH
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
WOODBRIDGE
TRAIL
SCALE 1"=4000'
PLATE NO. B26


SANTA
RD
AVE
VALENCIA
AT&SFRR
CANYON
BARRANCA
RD
JEFFREY
AVE
SAN
DIEGO
SAND
ANA
El Toro
U.S. Marine Corps
Air Station
FWY
Canyon
Wash
Sand Canyon
Reservoir
Laguna
Reservoir
RD
CYN
LAGUNA
MOULTON
PKWY
FWY
Shady
Canyon
PROPOSED BIKEWAY
SEGMENT 2
TO BE CONSTRUCTED
BY CITY OF IRVINE
NORTH
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
WOODBRIDGE
TRAIL
SCALE 1" = 4000'
PLATE NO. B27

	$415,000 A
	50,000 B
	$150,000 A
	35,000 E
	200,000 F
	$45,000 A
	$60,994 A
	27,500 E
	60,000 G

...ond Funds
...ce Bond Funds
..., Urban, Open Space Bond Funds

G - Environmental Enhancement Funds
H - Mission Viejo Company Donation
I - Housing & Community Development Funds

1977 - 1978 LOCAL PARK PROJECTS

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

PROJECT NAME	PROJECT DESCRIPTION		APPROPRIATION		
	PAGE NO.	PLATE/PAGE NO.	PLANNING/ DESIGN	ACQUISITION	DEVELOPMENT
CSA #3					$445,000 A
Crown Valley Community Park	185	L1/192			55,000 E
Ridgeview Park	185	L2/193	$20,000 A		$40,000 A
CSA #4					$132,000 A
					81,000 D
Iglesia Park	185	L3/194			57,000 E
San Joaquin School Baseball Field	186	L4/195			$12,000 A
CSA #5					
Bent Tree Park	186	L5/196			$210,000 B
					7,000 B
Gershon Place Mini-Park	186	L6/197			$28,000 F
Peacock Hills Rest-Stop Park	187	L7/198	$15,000 A		
CSA #6					
Cherry Avenue Park	187	L8/199	$10,000 A		
					$415,000 A
El Toro Community Park	187	L9/200			50,000 B
					$150,000 A
					35,000 E
Serrano Creek Community Park	188	L10/201			200,000 F
Village Pond Park	188	L11/202			$45,000 A
CSA #8					$60,994 A
					27,500 E
Stockport Park	188	L12/207			60,000 G

Legend - Source of Funding

A - CSA Local Tax Funds
B - Local Park Trust Funds
C - Revenue Sharing Funds
D - "74" State Bond Funds
E - "76" State Bond Funds
F - SB174, Urban, Open Space Bond Funds
G - Environmental Enhancement Funds
H - Mission Viejo Company Donation
I - Housing & Community Development Funds

1977 - 1978 LOCAL PARK PROJECTS

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

PROJECT NAME	PROJECT DESCRIPTION PAGE NO.	PLATE/PAGE NO.	APPROPRIATION PLANNING/ DESIGN	ACQUISITION	DEVELOPMENT
CSA#9					$139,800 A
Alicia Park	189	L13/204			50,000 A
Aurora Park	189	L14/205			56,200 H
					$63,982 A
Barcelona Hills Park	189	L15/206			29,750 H
					$ 31,800 A
					135,500 F
					40,000 G
Castille Park	189	L16/207			71,900 H
					$ 5,950 A
					118,000 E
Cordova Park	190	L17/208			72,250 H
Oso Viejo Park	190	L18/209	$25,000 A		
CSA#12					
Alicia Median Strip	190	L19/210			$20,000 A
					$ 66,688 A
					25,000 E
Spendlove Park	191	L20/211			100,000 G
					$150,000 D
El Toro Community Park	190	L9/200			115,000 F
CSA#21					$50,000 A
					50,000 E
Rossmoor Community Park	191	L21/212			75,000 F
SILVERADO-MODJESKA P&RD					$ 9,250 B
					30,000 C
Silverado-Modjeska					25,000 D
Community Center					12,912 E
	192	L22/213			69,138 F
HOUSING/COMMUNITY DEVELOPMENT					
Colonia Independcia					
Community Center	192	L23/214			$150,000 I
El Modena Community Center	192	L24/215			$210,000 I

JH:dab177a(6)

CSA #3

*PLATE NO. L-1 CROWN VALLEY COMMUNITY PARK - PHASE II DEVELOPMENT

Structures and Improvements	4561-420-110	(C29788)	$500,000

Proposed is the second phase of development of Crown Valley Community Park located near the intersection of Niguel Road and Crown Valley Parkway. The park is comprised of 48 acres, approximately half of which contains steep slopes.

Avco Community Developers, Inc. dedicated the parcel as a community park to serve residential development primarily east of Crown Valley Parkway. An additional 6 acres along Crown Valley Parkway was added to the original 42-acre site by the developer in lieu of the requirement to construct certain improvements through the park.

Phase I development, a project of $1,482,142, was begun in F.Y. 76-77.

The above funding will provide for the preparation of the construction documents, estimated to cost $50,000 for the remaining phases of the park. The remaining amount, $450,000, will fund Phase II development.

The source of funds for this project will be derived from CSA #3 local taxes - $445,000, "76" State Bond Funds - $55,000

*PLATE NO. L-2 RIDGEVIEW PARK - DEVELOPMENT

Structures and Improvements	4561-420-120	(C29847)	$60,000

Ridgeview Park is a one acre site located on Ridgeview Drive in the Laguna Niguel area.

Proposed is the preparation of a General Development Plan, construction documents and construction during FY 77-78. The construction cost will amount to approximately $40,000. Planning will be closely coordinated with the citizens and homeowners groups in the area. Funds for the project will come from CSA #9 local taxes.

CSA #4

*PLATE NO. L-3 IGLESIA PARK - DEVELOPMENT

Structures and Improvements	4581-420-100	(C29789)	$270,000

Iglesia Park is a 6.3 acre site located in the New World area of Laguna Hills, southwesterly of Moulton Parkway and southerly of El Toro Road near Leisure World. The proposed site is a knoll with relatively steep side slopes covered with annual grasses. There are existing residential developments to the east of the site and development continues to the west.

A General Development Plan was designed after being closely coordinated with the residents of the area through the use of a citizens advisory committee. The project includes volleyball, handball courts, tot lot, picnic area, community center, restrooms, lighting, and landscaping.

Funding for this project will come from the following sources: CSA #4 local taxes - $132,000, "74" State Bond Funds - $81,000, "76" State Bond Funds - $57,000. A application for a Federal Land and Water Conservation Fund development grant will be filed in the fall of 1977.

*PLATE NO. L-4 SAN JOAQUIN SCHOOL BASEBALL FIELD - DEVELOPMENT

Structures and Improvements	4581-420-104	(C29859)	$ 12,000

The members of the Laguna Terrace Homeowners Association have requested that CSA #4 in cooperation with Saddleback Valley Unified School District develop a baseball field for use of the local residents. The field will be developed on the grounds of San Joaquin Elementary School and be maintained and operated by the school district. An appropriate agreement between the school district and the county will be prepared for execution by the school board and the Board of Supervisors. Funds for the development of the ball diamond will be derived from CSA #4 local tax funds.

CSA #5

*PLATE NO. L-5 BENT TREE - DEVELOPMENT

Structures and Improvements	4591-420-120	(C29830)	$210,000

This 6.7 acre park site is located in the Lemon Heights-Cowan Heights area northeasterly of the City of Tustin, approximately three quarters of a mile southeasterly of Newport Avenue on East Lemon Heights Drive. The site includes some existing trees and includes mostly level land, plus a small ravine. The site includes the land dedication requirement for Tract 6206 under the local park code (0.8 acres), a two-acre donation of the ravine area and 3.9 acres acquired by the county at market value.

A General Development Plan was prepared in fiscal year 1976-77, depicting a park containing a tot lot, multi-purpose playing field, landscaping and irrigation systems, security lighting, and turfing.

Proposed is the preparation of construction documents and construction of the planned improvements. The project will be funded utilizing accumulated Local Park Trust Funds.

*PLATE NO.L-6 GERSHON PLACE MINI-PARK - DEVELOPMENT

Structures and Improvements	4591-420-140	(C29848)	$35,000

Gershon Place Park is a 0.28 acre mini-park located at the intersection of Gershon Place and Seventeenth Street North Tustin area. It was surplus county road property that has been transferred to CSA #5 for park purposes.

The appropriation will fund design and development of the park, including irrigation, turf, play equipment and fencing along Seventeenth Street. The project will be funded by a $28,000 Roberti-Berg State Urban grant, and $7,000 in Local Park Trust Funds.

*PLATE NO. L-7 PEACOCK HILLS REST STOP/PARK - DEVELOPMENT

Structures and Improvements	4591-420-130	(C29794)	$15,000

The appropriation will fund the development of the Peacock Hills Equestrian Rest Stop/Park site, Lot "A" - Tract #5448, in the Cowan Heights Area. The site is intended to serve as a rest stop on the Peacock Hills equestrian trail system. Presently, the site has outstanding specimen trees. The project will include preparation of a general development plan and construction documents. Included at a minimum would be ground cover and irrigation, a pedestrian circulation system, hitching racks, picnic table and benches, a drinking fountain and water for horses. The funding for this project will be provided by CSA #5 local taxes.

CSA #6

*PLATE NO. L-8 CHERRY AVENUE PARK - GENERAL DEVELOPMENT PLAN

Structures and Improvements	4601-420-160	(C29850)	$10,000

Cherry Avenue Park is a 2.2 acre site located on Cherry Avenue near the intersection of Trabuco and El Toro Roads, in the El Toro area.

The preparation of a General Development Plan will be undertaken and will involve close coordination with the citizens and homeowners groups in the area. The funding for this project will be provided by CSA #6 local taxes.

*PLATE NO. L-9 EL TORO COMMUNITY PARK - PHASE II DEVELOPMENT

Structures and Improvements	4601-420-120	(C29796)	$465,000

El Toro Community Park is located in the unincorporated El Toro area and is within both County Service Area No. 6 and 12. The site lies astride Aliso Creek and adjacent and northwesterly of Los Alisos Blvd. Development of the park is taking place in three phases.

The Environmental Management Agency staff has prepared a concept plan encompassing the three park phases after close coordination with homeowners associations of County Service Areas 6 and 12. The fiscal year 1975-76 construction program for local parks included funds for the development of the first phase of the park which was completed and opened to public use in June of 1977. In F.Y. 76-77 general development plan for phase 2 was initiated, with this effort continuing into F.Y. 77-78, leading to a development contract scheduled for award in spring of 1978. (Note: See also CSA #12 section for additional funding for this project). Phase II development will see the flood control retarding basins, which will be dry most of the time, converted to recreational use by turfing the area and installing various support improvements which will not negatively impact

flood water retarding capacity. The park improvements will produce a much-needed high activity-field sports park with ball diamonds and soccer fields. CSA #6 funds for this project are as follows: CSA #6 tax funds - $415,000, CSA # 6 local park trust fund - $50,000.

*PLATE NO. L-10 SERRANO CREEK COMMUNITY PARK - PHASE I DEVELOPMENT

Structures and Improvements	4601-420-140	(C29841)	$385,000

Serrano Community Park lies astride Serrano Creek easterly of Bake Parkway and southerly of Trabuco Road in the Lake Forest area. The park site was acquired in August 1974 via the Local Park Ordinance. Its current amenities include a dense grove of eucalyptus trees, a giant oak tree near Trabuco Road and a privately operated equestrian center. At the extreme easterly end near the intersection of Trabuco Road and Lake Forest Drive lies the Serrano Regional Historic Site which is funded to be developed as a regional recreational facilties program in fiscal year 1977-78.

Funds for additional park design were included in the fiscal year 1976-77 budget after completion of a general development plan (GDP) for the park. The budgeted amount will fund construction of Phase I of the park, and come from the following sources: $150,000 in CSA #6 local taxes, $35,000 in "76" State Bond Funds, and $200,000 Roberti - Z'Berg State Urban Grant Funds.

Phase I development will include trails systems, picnic area, restrooms, play area, playing fields, tennis courts, amphetheater, administration building, etc.

*PLATE NO. L-11 VILLAGE POND PARK - PHASE II DEVELOPMENT

	4601-410-150		$ 43,800
	1221-420-622		1,200
Structures and Improvements	(C29849)	Total	$ 45,000

Village Pond will be refurbished to maintain the water quality of the park pond using CSA #6 local tax funds in the amount of $43,800, and $1,200 in Revenue Sharing Funds.

CSA #8

*PLATE NO. L-12 STOCKPORT PARK - DEVELOPMENT

	1221-420-625		60,000
	4631-420-105		88,494
Structures and Improvements	(C29826)	Total	$148,494

Stockport Park is a 4-acre site located in the Laguna Hills area of Saddleback Valley at the intersection of Stockport Street and Wilkes Place easterly of Paseo de Valencia. The preparation of a development plan and contract documents for park development was funded in the FY 76-77 budget. The funding for this project will come from the following sources: CSA #8 local taxes - $60,994, "76" State Bonds - $27,500, Environmental Enhancement Funds - $60,000. All environmental enhancement funds will be funded from Revenue Sharing Funds.

Improvements will be constructed utilizing the above funds and will include landscaping, an irrigation system, a tot lot, and security lighting.

*PLATE NO. L-13 ALICIA PARK - DEVELOPMENT

Structures and Improvements	4641-420-200	(C29799)	$ 50,000

This project is an ongoing construction project begun in FY 76/77 and will continue during FY 77/78. This funding is needed in the event of unanticipated additive change orders. The funding will be derived from CSA #9 local tax funds.

*PLATE NO. L-14 AURORA PARK - DEVELOPMENT

Structures and Improvements	4641-420-113	(C29827)	$196,000

This 3.5 acre park site is located in the northwestern portion of the Mission Viejo Planned Community and lies along the westerly side of Marguerite Parkway just south of Via Gaudix. The site lies approximately 1,000 feet to the southwest of Lake Mission Viejo.

A general development plan was undertaken in F.Y. 77-78 and will be completed in late 1977, in close cooperation with the community. The funds will provide for basic landscaping development of this site. Funds for the project will come from the following sources: CSA #9 local taxes - $139,800, Mission Viejo Company, $56,200 (est.).

*PLATE NO. L-15 BARCELONA HILLS PARK - DEVELOPMENT

Structures and Improvements	4641-420-114	(C29852)	$ 93,732

Barcelona Hills Park has a gross acreage of 3.7 acres located on Via Santa Maria between Alicia Parkway and Los Alisos Boulevard in Mission Viejo. The preparation of a General Development Plan and construction documents were completed in the 1976-77 F.Y. The funding will provide for basic landscape development with security lighting, plus a multi-purpose playing field, tot lot, a picnic shelter area and sand volleyball court. The funding sources are as follows: CSA #9 local taxes - $63,982, Mission Viejo Co. (Est.) - $29,750

*PLATE NO. L-16 CASTILLE PARK - DEVELOPMENT

	4641-420-111		$239,200
	1221-420-623		40,000
Structures and Improvements		(C29829) Total	$279,200

Castille Park is a 5.0 acre site located in the north central portion of the Mission Viejo Planned Community just easterly of Trabuco Road and southerly of Alicia Parkway. The site lies to the north and adjacent to the Capistrano Unified School District's Castille Elementary School and until May, 1977 was being used by the school district as a site for portable classrooms.

The General Development Plan and construction documents for this park were prepared in the 1976-77 fiscal year, and provide for a tot lot, volleyball courts, irrigation and turf systems, and restrooms.

Funds for the project are derived from the following sources: CSA #9 local taxes - $ 31,800, SB174-$135,500 Environmental Enhancement Funds - $40,000, Mission Viejo Co. (Est.) - $71,900

*PLATE NO. L-17 CORDOVA PARK - DEVELOPMENT

Structures and Improvements	4641-420-115	(C29853)	$196,200

Cordova Park is a 4.68 acre site located in the Mission Viejo area near the intersection of Crown Valley Parkway and Marguerite Parkway.

The funds will provide for the preparation of a General Development Plan (GDP) at $15,000, construction documents at $16,200, and development in accordance with the GDP at $165,000. Planning will be closely coordinated with the homeowners of the area, the Park and Recreation Committee, and the Municipal Advisory Council.

Funds for the project will be derived from the following sources: CSA #9 local taxes $5,950, "76" State Bond Funds - $118,000, Mission Viejo Co. - $72,250 (est.)

*PLATE NO. L-18 OSO VIEJO - GENERAL DEVELOPMENT PLANS

Structures and Improvements	4641-420-117	(C29854)	$25,000

The park is a 35-acre site located near Marguerite Parkway on La Paz Road proposed to be developed as a high-activity community park. A cooperative agreement with the Capistrano Unified School District will coordinate the planning, development, operation and maintenance of the park with an adjacent elementary and intermediate school.

The preparation of a General Development Plan and initial design of the park will follow the F.Y. 76-77 preparation of a schematic plan by the Mission Viejo Company, and will be coordinated with the Municipal Advisory Council and its Park and Recreation Committee.

Funds for the project will come from CSA #9 local taxes.

CSA #12

*PLATE NO. L-19 ALICIA MEDIAN STRIP - DEVELOPMENT

Structures and Improvements	4671-420-140	(C29857)	$20,000

Landscaping of the Alicia Median Strip from PO Street to Muirlands Boulevard will be constructed during F.Y. 77-78. Funds for the project will be derived from CSA #12 local taxes.

*PLATE NO. L-9 EL TORO COMMUNITY PARK - PHASE II DEVELOPMENT

Structures and Improvements	4671-420-110	(C29796)	$265,000

El Toro Community Park is a joint project of County Service Area No. 6 and 12. The site lies astride Aliso Creek and adjacent and northwesterly of Los Alisos Blvd. Development of the park is taking place in three phases.

The Environmental Management Agency staff has prepared a concept plan encompassing the three park phases after close coordination with homeowners associations of County Service Areas 6 and 12. The fiscal year 1975-76 construction program for local parks included funds for the development of the first phase of the park which was completed and opened to public use in June of 1977. In F.Y. 76-77 a general development plan for phase 2 was initiated, with this effort continuing into F.Y. 77-78, leading to a development contract scheduled for award in Spring, 1978. For a description of the project see the CSA #6 project narrative.

CSA #12's funding for Phase II will be derived from the following sources: SB174 Urban Grant - $115,000, 74 State Bond Funds - $150,000

*PLATE NO. L-20 BART SPENDLOVE PARK - DEVELOPMENT			
	4671-420-120		$ 91,688
	1221-420-624		100,000
Structures and Improvements		(C29800) Total	$191,688

This 5.5-acre park site lies approximately 1/2 mile easterly of the intersection of Alicia Parkway and Muirlands Boulevard in the Aegean Hills area adjacent to the AT&SF Railway and Del Cerro Elementary School. The site was created by two dedications: under the Local Park Ordinance, a 3.9-acre site near the Del Cerro School dedicated by the developers of Aegean Hills and a narrow, triangular-shaped parcel between the Aegean Hills development and the AT&SF Railway dedicated by S & S Corporation. The developers have rough graded the sites and are bonded for additional grading.

In fiscal year 1976-77, a development plan and contract documents were prepared for the entire site.

The FY 77-78 funding will provide for construction of the park improvements recommended in the General Development Plan, and come from the following sources: CSA #12 local taxes - $66,688, 76 State Bonds Funds - $25,000 Environmental Enhancement Funds - $100,000.

CSA #21

*PLATE NO. L-21 ROSSMOOR COMMUNITY PARK - PHASE II DEVELOPMENT

Structures and Improvements	4761-420-100	(C29860)	$175,000

Proposed is the Phase II development of Rossmoor Community Park Phase I was financed during FY 76/77. Phase II will complete the development of the park as defined in the GDP as approved by the Board of Supervisors on September 14, 1976, and includes sports field, community center, landscaping, an irrigation system, and a playground. Financing will be accomplished as follows: CSA #21 local tax funds - $50,000, "76" State Bonds Funds - $50,000, and SB174 Funds - $75,000.

SILVERADO-MODJESKA PARK AND RECREATION DISTRICT

*PLATE NO. L-22 SILVERADO-MODJESKA COMMUNITY CENTER - DEVELOPMENT			
	1221-420-594		$ 30,000
	0168-420-386		$116,300
Structures and Improvements		(C30367) Total	$146,300

The Silverado-Modjeska Recreation and Parks District, a special taxing agency authorized to provide recreation and other community services in the Silverado and Modjeska Canyon areas, proposes to construct certain recreational improvements to its community center with county assistance, a county revenue sharing allocation, 1974 State Bond Act monies and Local Park Trust Funds. An agreement has been entered into between the district and the County for the County to provide for design and construction contract administration assistance to the district.

The community center is planned to include the removal of two existing buildings, the remodeling of one existing building including the addition of restrooms, children's play area, picnic area, tennis court, security fencing, landscaping, outdoor lighting, and multi-purpose paved areas. Funding sources are as follows: Local Park Trust Fund - $9,250, Revenue Sharing - $30,000, 74 State Bond Funds - $25,000, "76" State Bond Funds - $12,912, and SB 174 - $69,138

HOUSING AND COMMUNITY DEVELOPMENT PROJECTS

*PLATE NO. COLONIA INDEPENDENCIA COMMUNITY CENTER			
		(C25425)	$ 50,000
		(C25612)	95,000
		(C25813)	50,000
Structures and Improvements	0169-420-605	Total	$150,000

The Colonia Independencia area residents in cooperation with the Housing and Community Development Division of EMA have decided that a new multi-use community center including a day care facility is to be developed to replace present structure which is unsuitable. The center is to be built on land leased from the local school district or on county property in the neighborhood. A center with an area of 3,000 to 4,000 square feet will be designed by an architect to be retained. Design will be closely coordinated with the community.

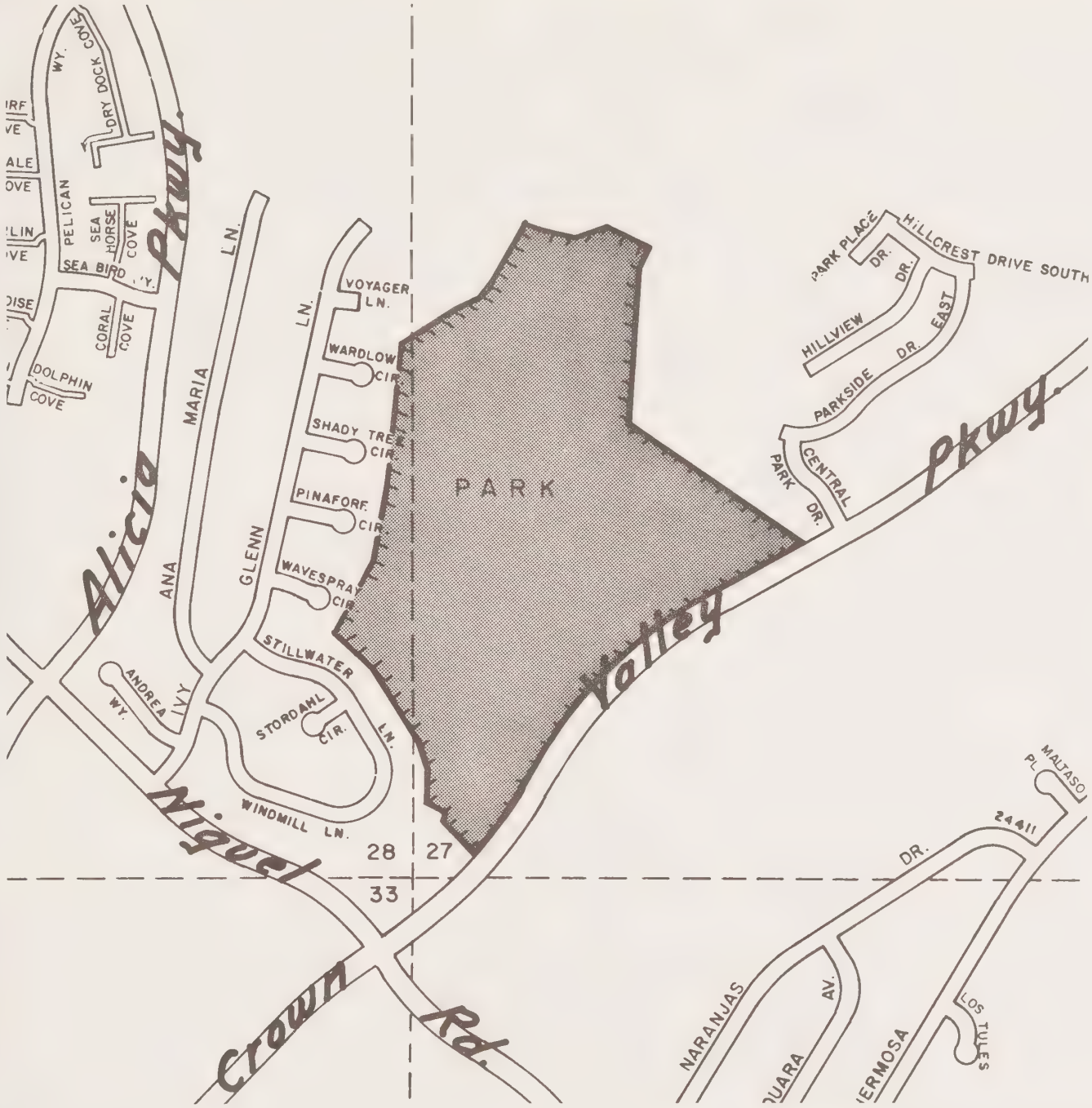
Funding will be by a Housing and Community Development block grant.

*PLATE NO. EL MODENA COMMUNITY CENTER			
		(C25610)	$ 60,000
		(C25815)	150,000
Structures and Improvements	0169-420-604	Total	$210,000

The Housing and Community Development Division of EMA working in conjunction with the El Modena area residents recommended that a community center should have priority during FY 77/78. $210,000 is available in FY 1977-78 to develop a new multi-purpose 3,000 square foot community center with day care facilities. It will be built on land leased from a local church, site of the old center which will be demolished as part of this project. Design will be closely coordinated with the community.

Funding will be by a Housing Community Development block grant.

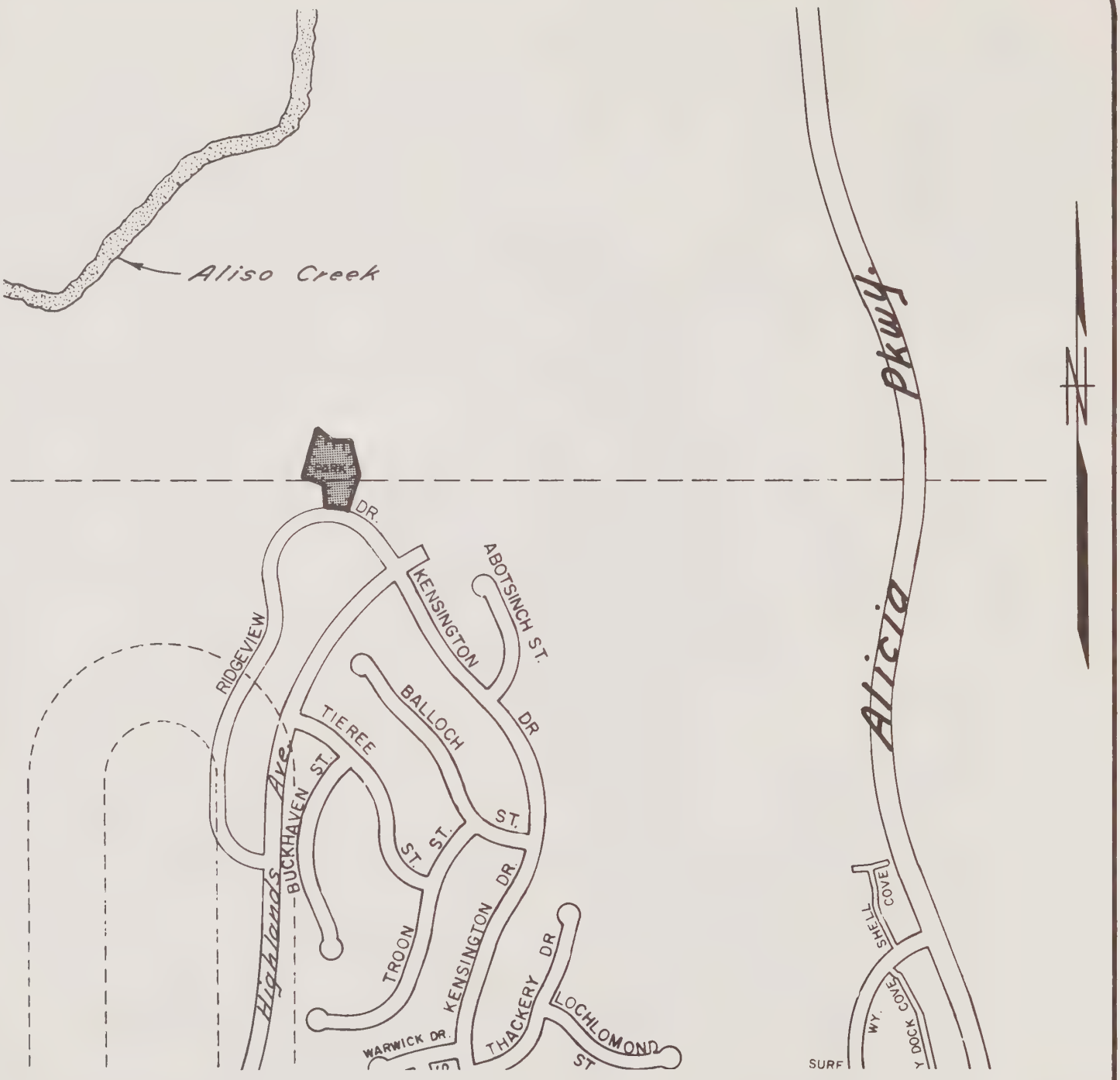
JH:rm372a(1)



ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

CROWN VALLEY COMMUNITY PARK

1" = 600' | L1

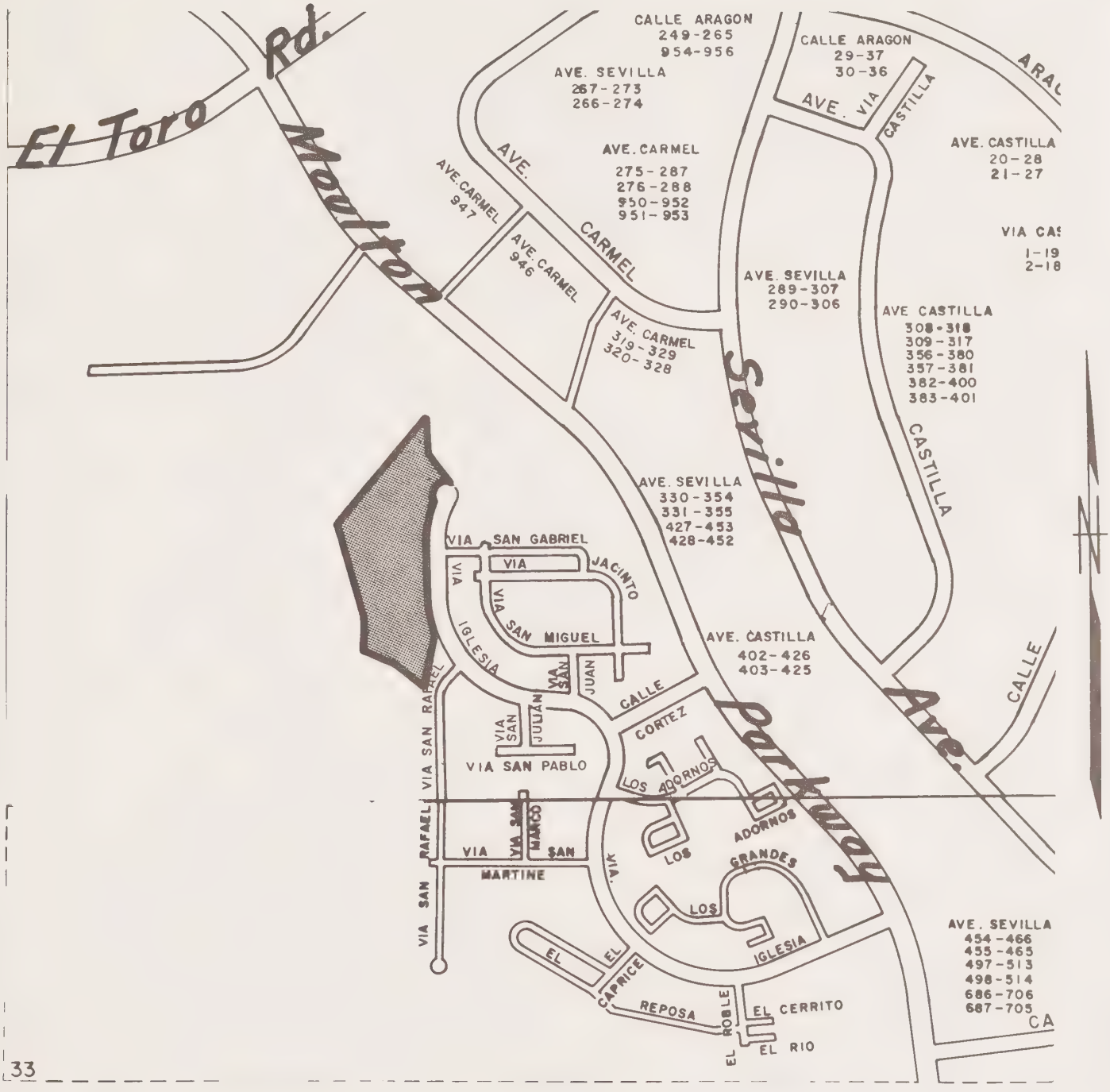


ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

RIDGEVIEW PARK

1" = 600'

L2



ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

IGLESIA PARK

1" = 600' | L3

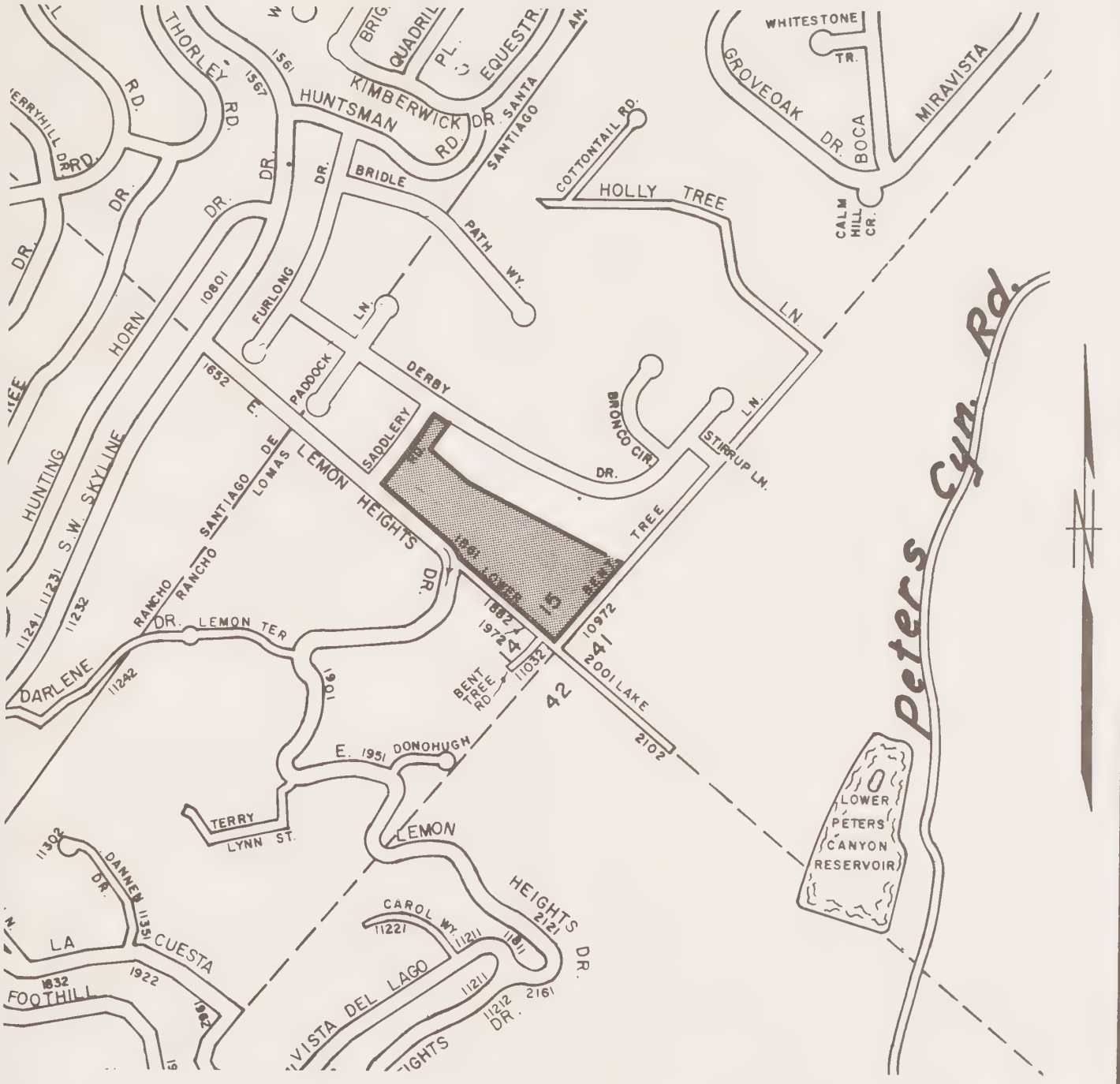
Legend

(1) BALL DIAMOND CONSTRUCTION

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

SAN JOAQUIN ELEMENTARY SCHOOL BASEBALL FIELD

1" = 600' | L4

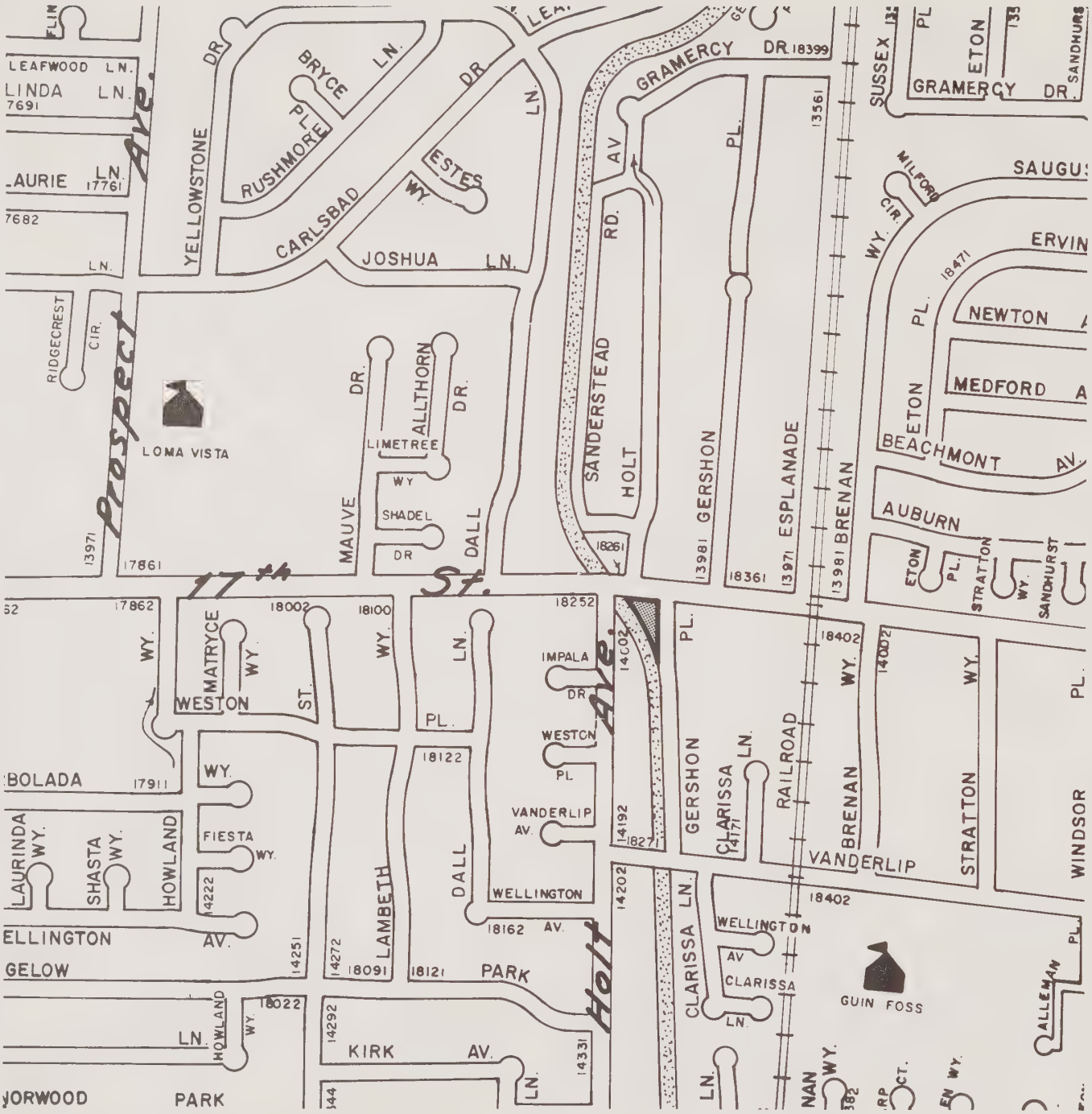


ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

BENT TREE COMMUNITY PARK

1" = 600'

L5



ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

GERSHON PLACE MINI-PARK

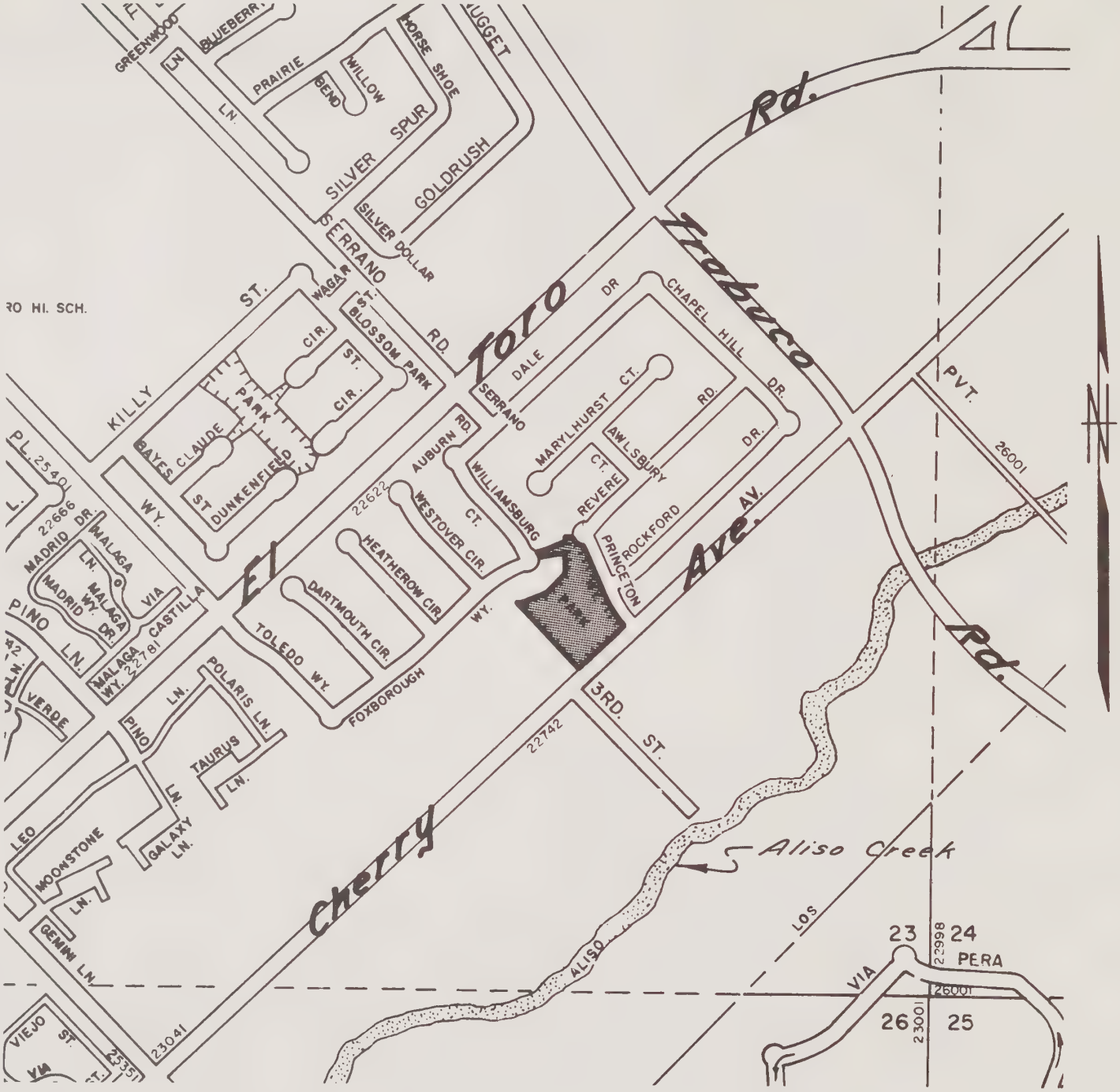
1" = 600'

L6

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

PEACOCK HILLS REST STOP PARK

1" = 600' | L7



ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

CHERRY AVENUE PARK

1" = 600'

L8

Legend

Phase I - COMPLETED, 1977

Phase II - SPORTS FIELD AREA

Phase III - NATURAL AREA

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

EL TORO COMMUNITY PARK

1" = 1000'

L9

Legend

1. COMMUNITY PARK
2. REGIONAL HISTORIC VILLAGE

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

A | 11

SERRANO CREEK COMMUNITY PARK

1" = 1000' | L10

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

VILLAGE POND PARK

1" = 600' | **L11**

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

STOCKPORT PARK

1" = 600'

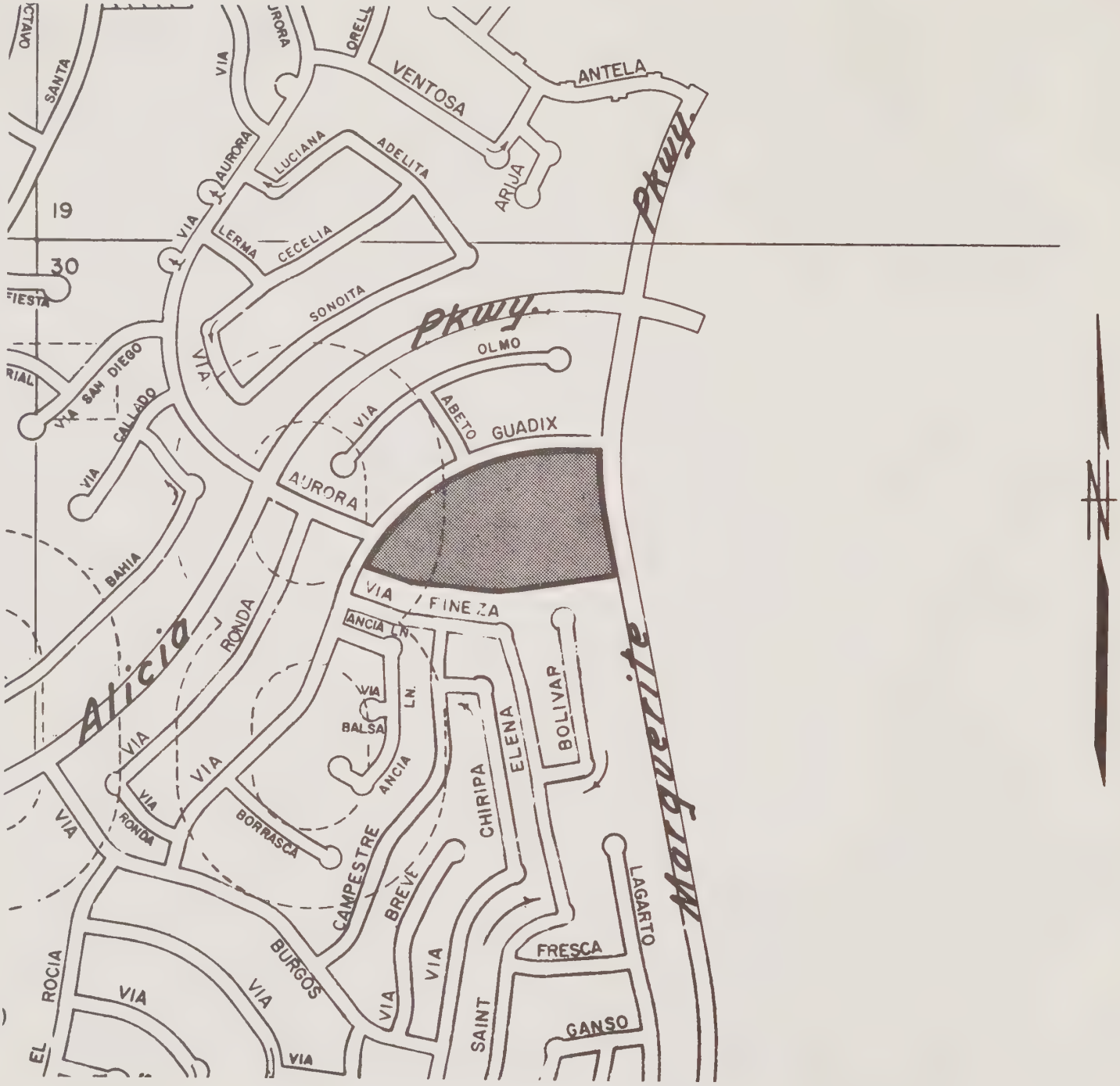
L12

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

ALICIA PARK

1" = 600'

L13

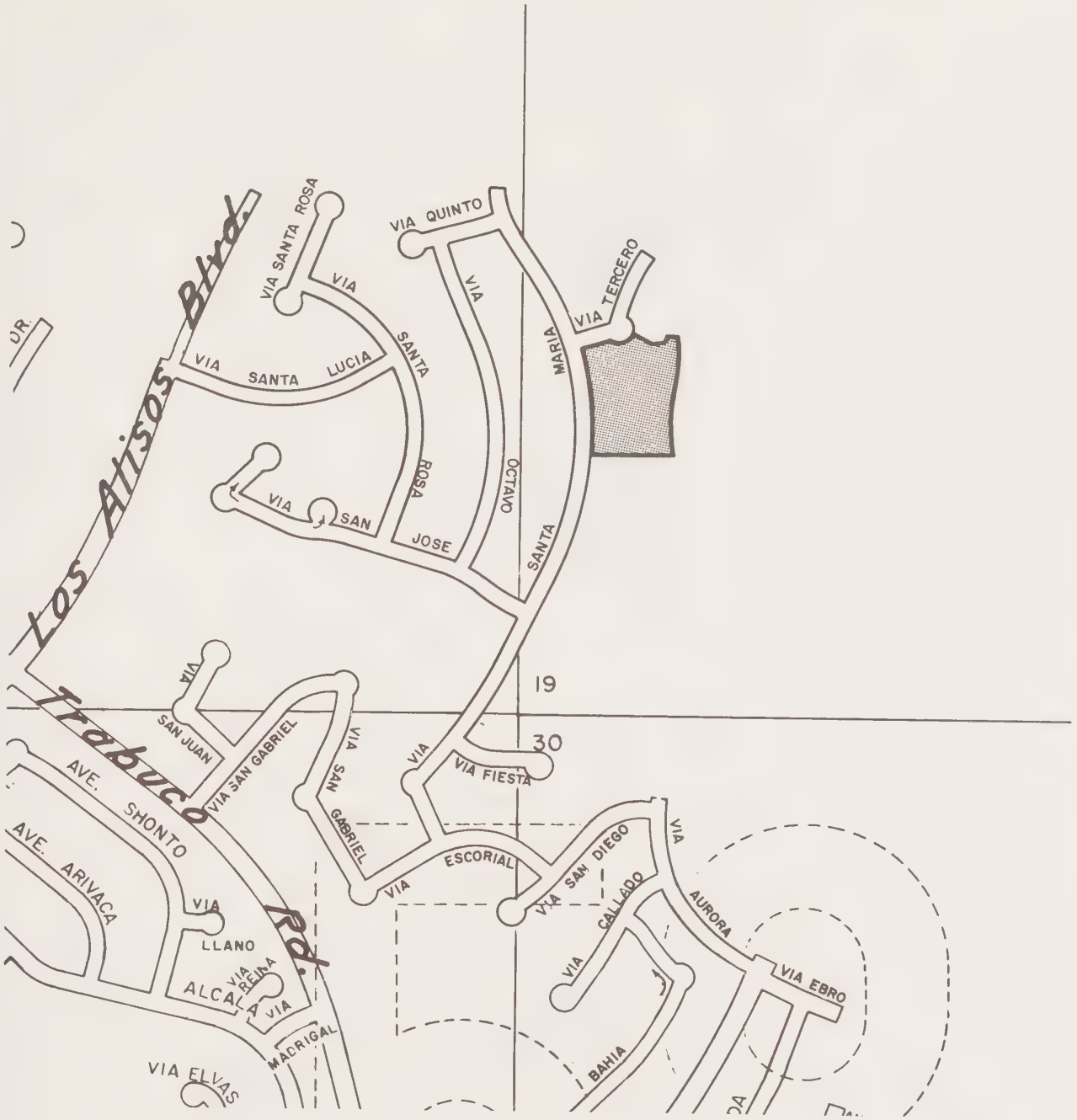


ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

AURORA PARK

1" = 600'

L 14



ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

BARCELONA HILLS PARK

1" = 600'

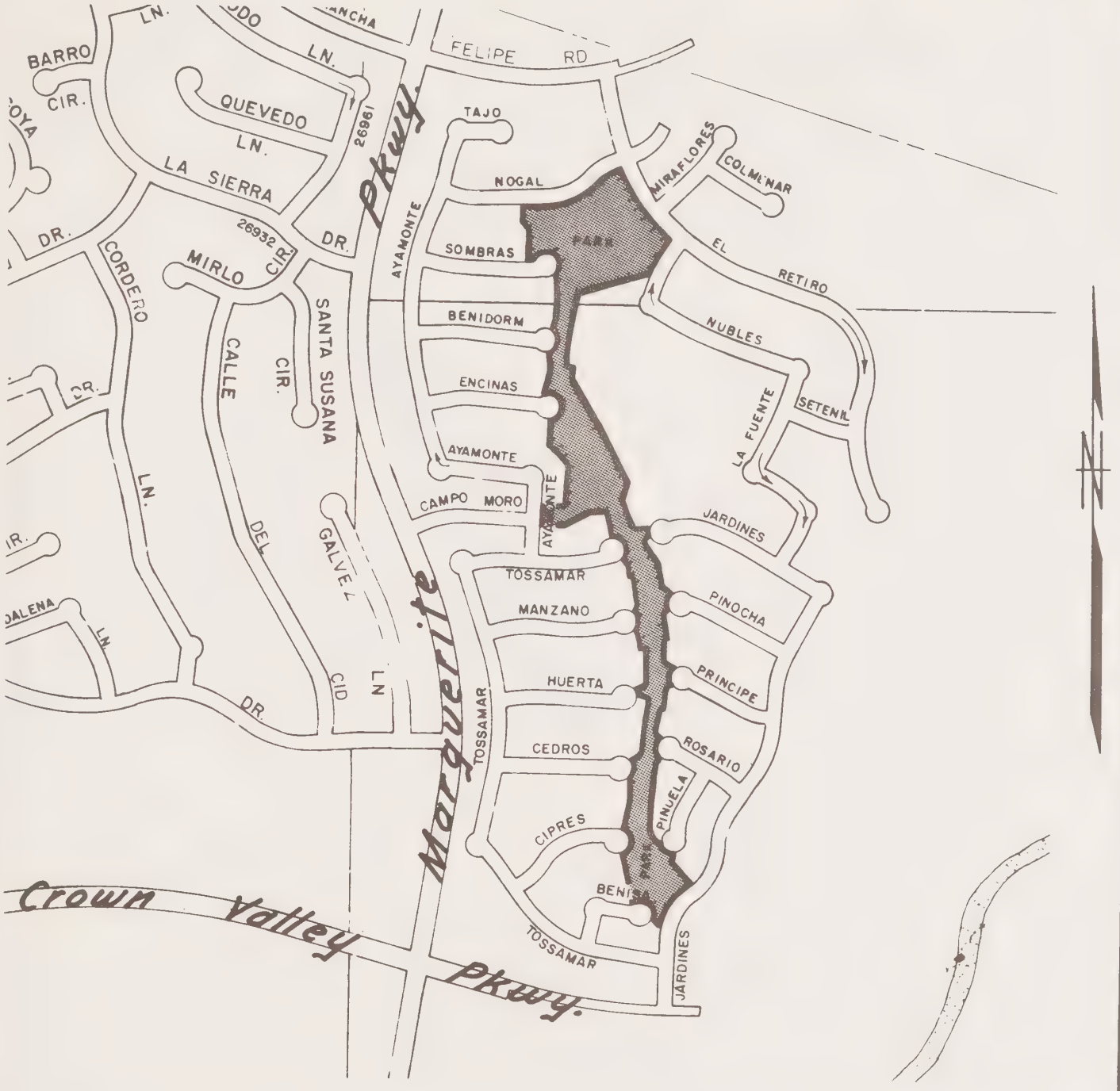
L15

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

CASTILLE PARK

1" = 600'

L16



ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

CORDOVA PARK

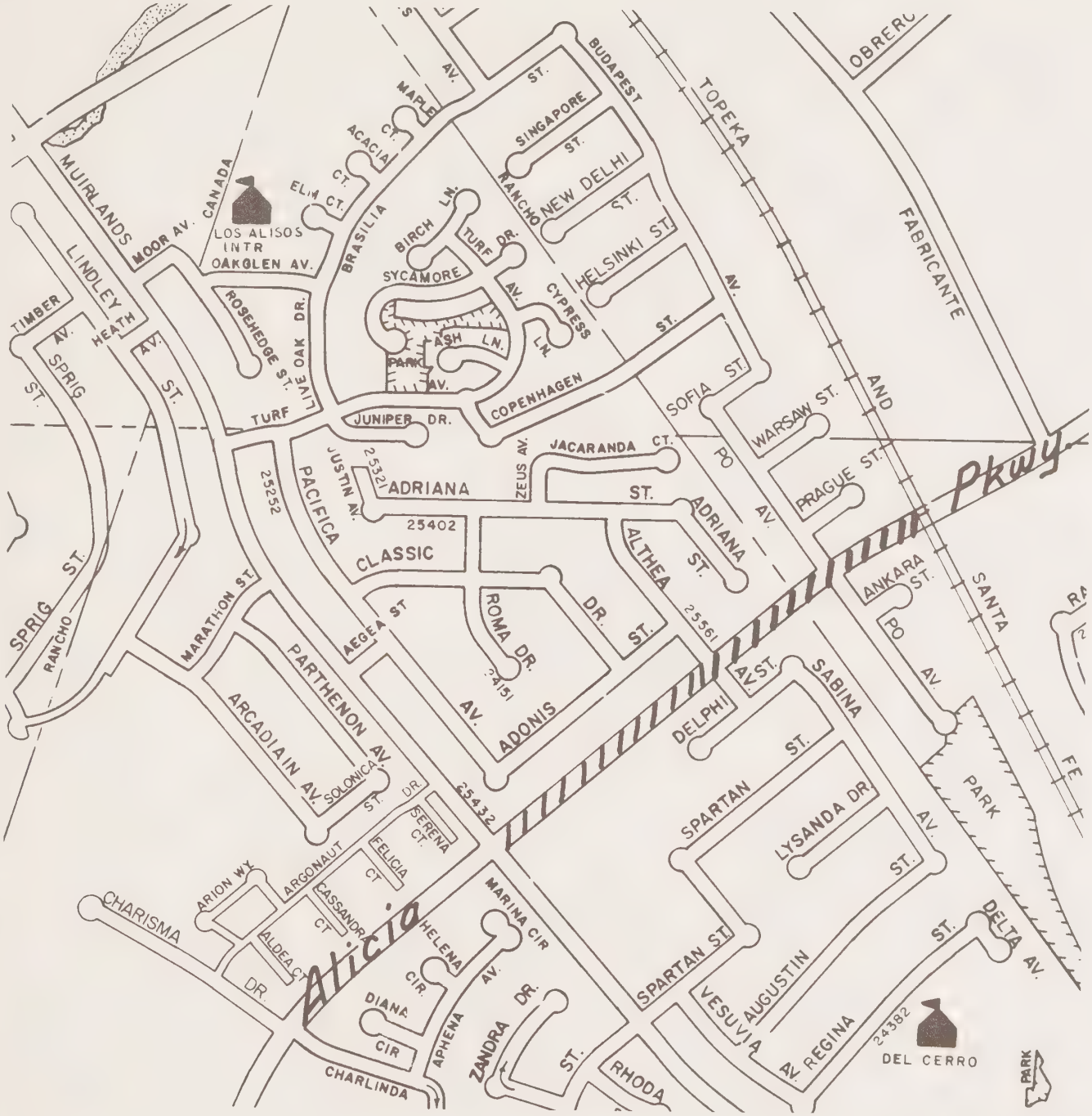
1" = 600'

L17

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

OSO VIEJO PARK

1" = 1000' | L18



ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

ALICIA MEDIAN STRIP

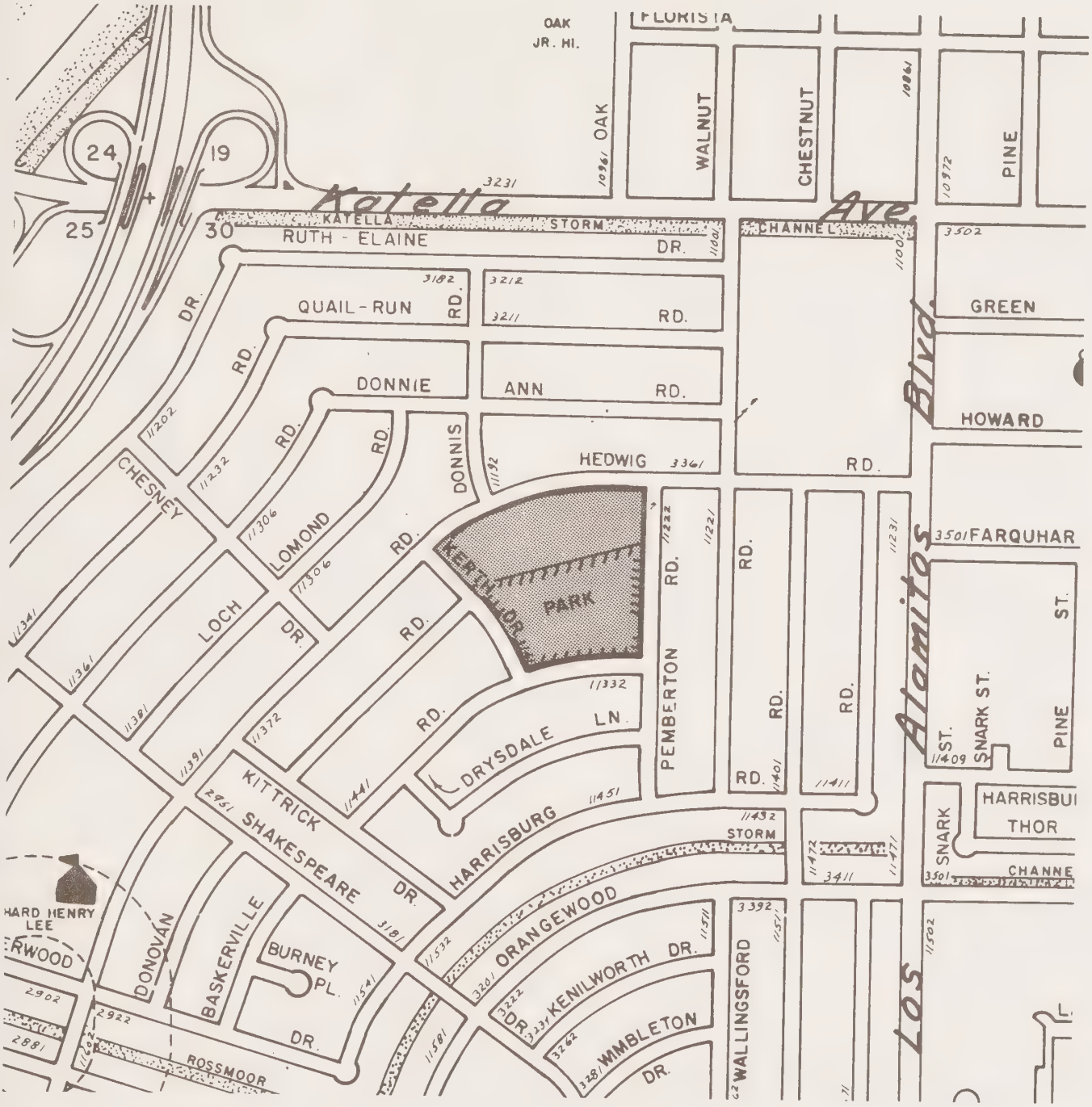
1" = 600' | **L19**

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

BART SPENDLOVE MEMORIAL PARK

1" = 600'

L20

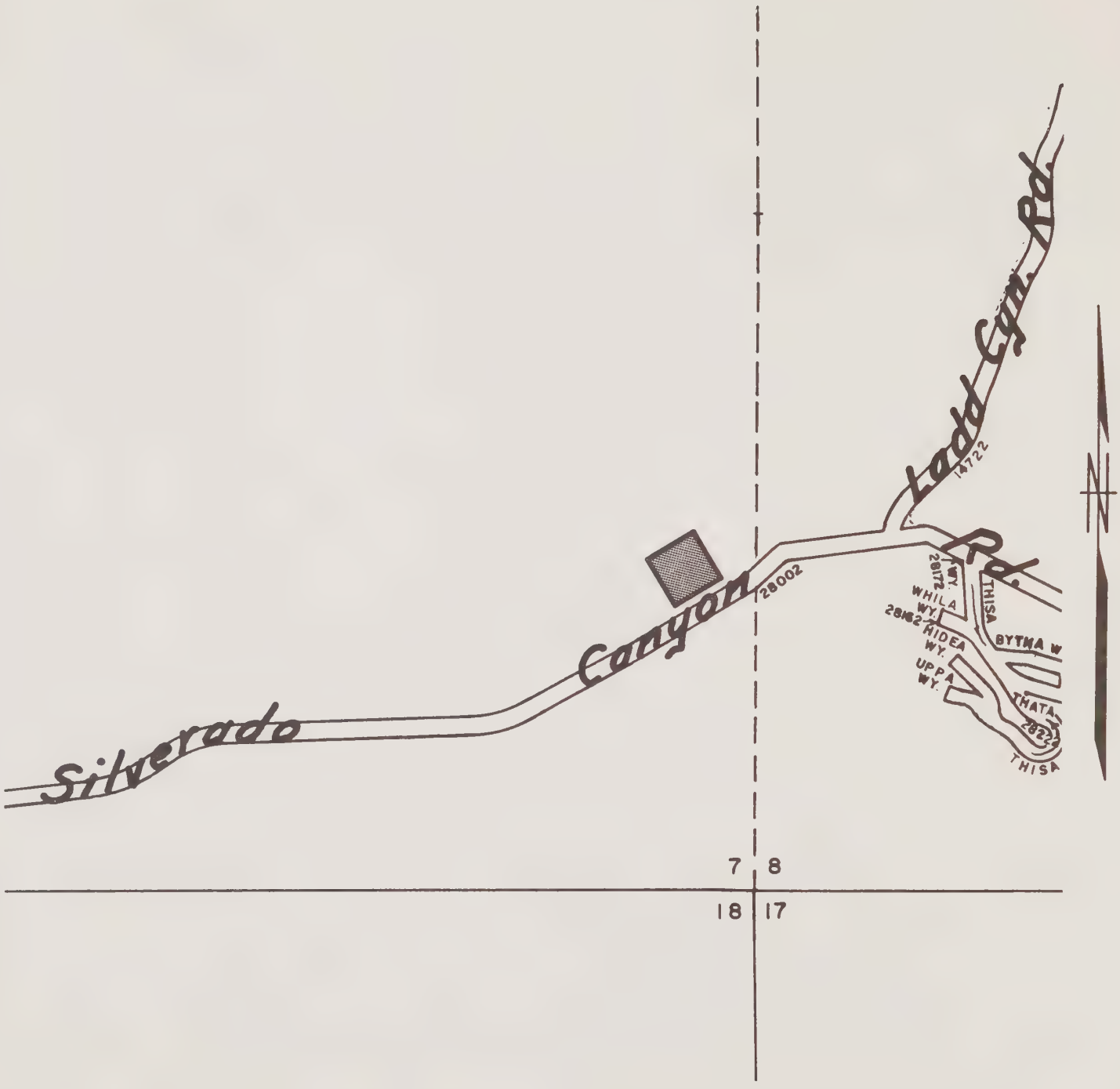


ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

A | 1

ROSSMOOR COMMUNITY PARK

1" = 600' | L21



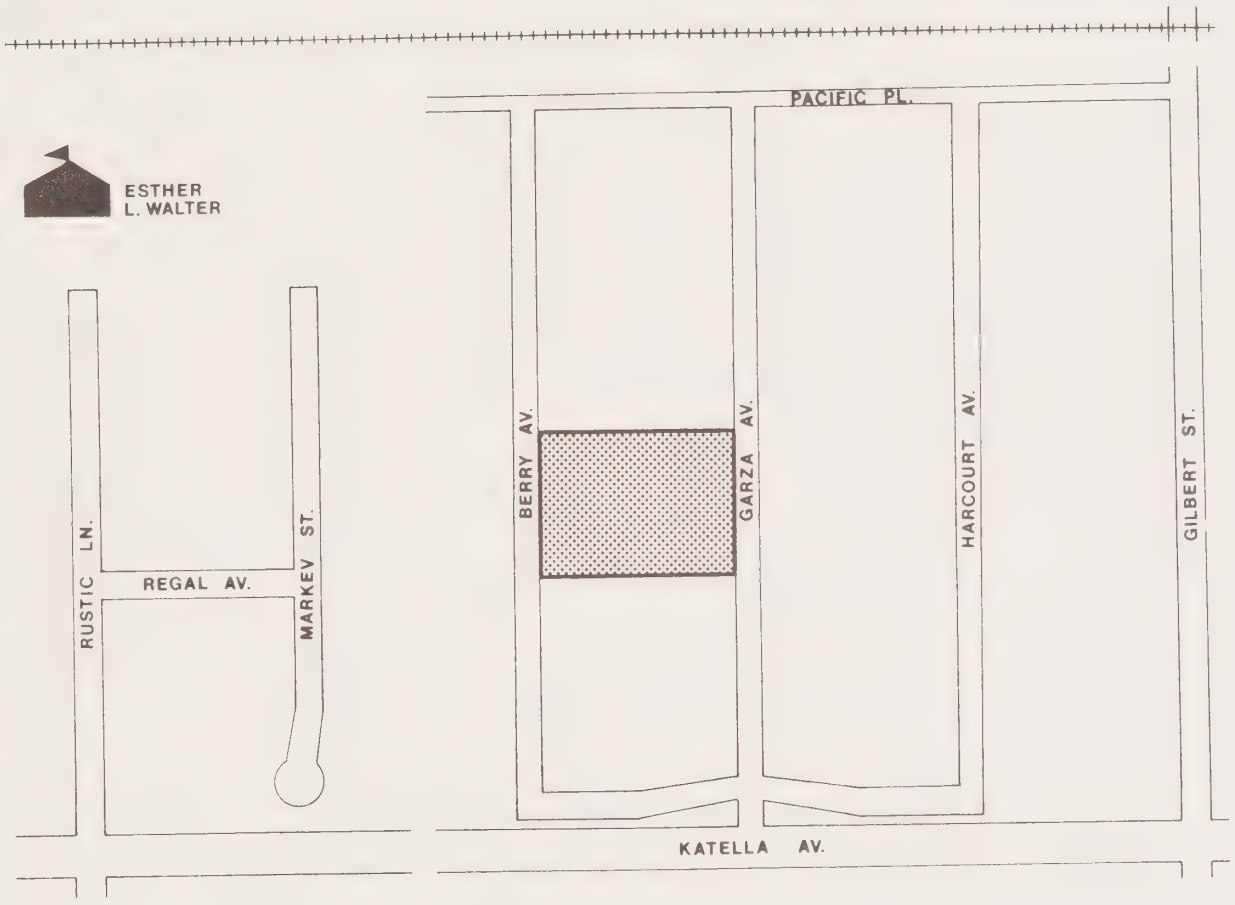
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

SILVERADO-MODJESKA COMMUNITY

COMMUNITY CENTER

1" = 600'

L22



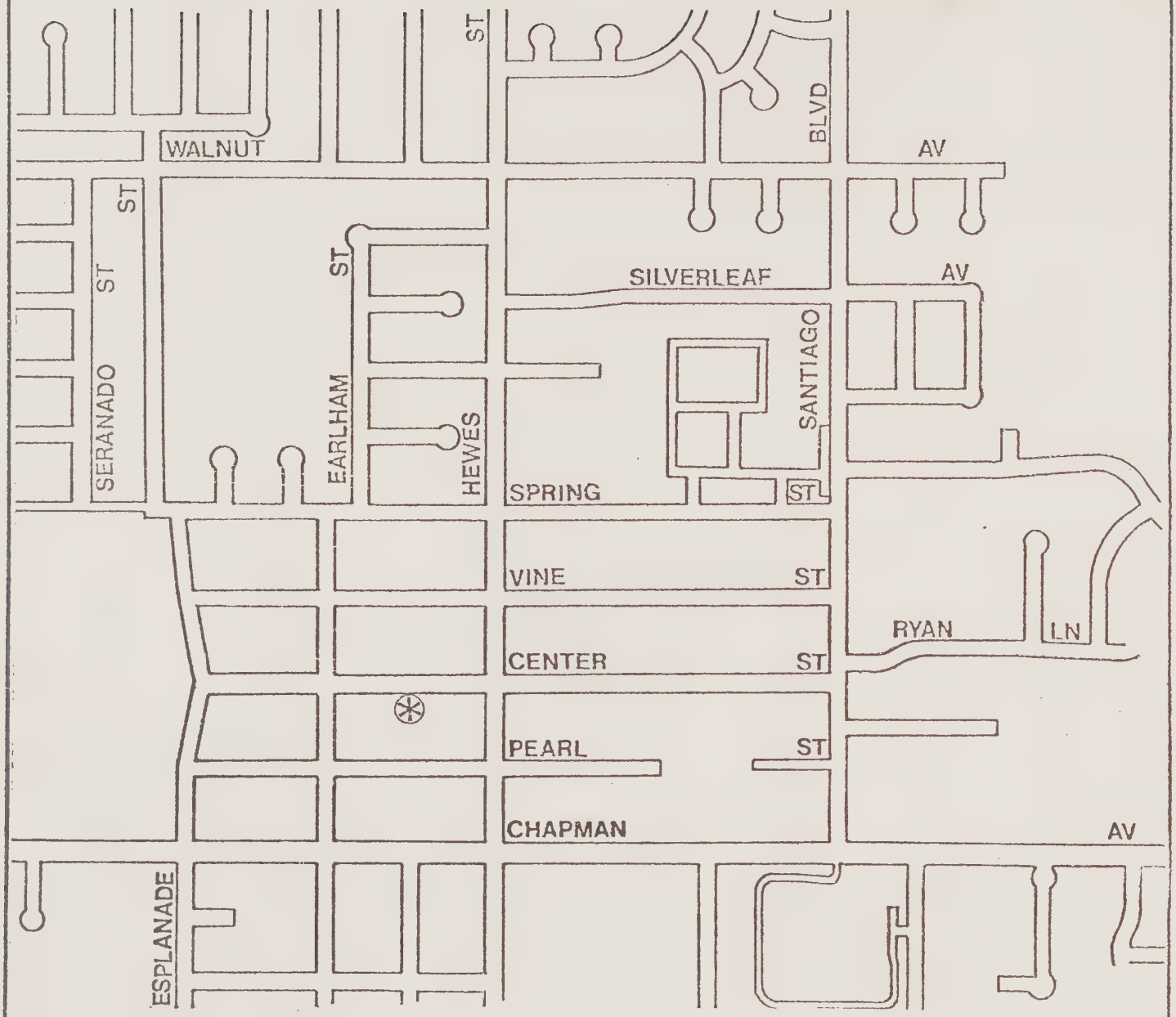
COMMUNITY CENTER SITE

NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

COLONIA INDEPENDENCIA
COMMUNITY CENTER

1": 300'	L23



NOTE:

⊛ PROPOSED SITE OF NEW COMMUNITY CENTER

NORTH

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

EL MODENA
COMMUNITY CENTER

1" = 600'

L24

Do not film

WALNUT
ST
ST
NADO
NORTH

APPENDICES

APPENDIX A

DEVELOPED ACREAGE AND ATTENDANCE

ORANGE COUNTY REGIONAL PARK SYSTEM

Facility	Developed Acreage	Attendance 1975	1976	Change No.	Change %
Carbon Canyon Park	90	49,322	196,246	146,924	297.89
Caspers Park	2,000				
Camping		4,966	2,700	(2,266)	(45.63)
Picnicking		22,423	17,951	(4,472)	(19.94)
Total		27,389	20,651	(6,738)	(24.60)
Craig Park	90	25,201	51,424	26,223	104.06
Featherly Park	95				
Camping		109,196	123,836	14,640	13.41
Picnicking		82,539	94,432	11,893	14.41
Total		191,735	218,268	26,533	13.84
Irvine Park	225	494,951	471,637	6,686	1.44
Laguna Niguel Park	157	177,473	176,398	(1,075)	(.61)
Mason Park	45	32,999	43,786	10,787	32.69
Mile Square Park	223	193,621	286,545	92,924	47.99
O'Neill Park	90	283,159	288,555	5,396	1.91
Yorba Park	100	-0-	1,070	1,070	100.00
TOTAL	3,115	1,445,850	1,754,580	308,730	21.35

ATTENDANCE SUMMARY

	1975	1976	Change No.	Change %
Camping Attendance	230,363	244,185	13,822	6.00
Day Use Attendance	1,215,487	1,510,395	294,908	20.40

APPENDIX B
ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
HARBORS, BEACHES AND PARKS DISTRICT
REGIONAL PARK ACQUISITION HISTORY
August 1, 1977

SITE	DATE	BOARD OF SUPERVISORS AUTHORIZATION	PARCEL NO.	ACREAGE ITEM	ACREAGE TOTAL	COST	COMMENTS
CARBON CANYON	6-18-74	Minute Order	2.01	6.14			Occupying presently by right of entry. Purchase from Chancelor Western with mineral rights retained by seller now in negotiation. This results in an oil drilling site existing adjacent to the park maintenance building and another near the park tennis courts.
	3-16-76	Resolution 76-337	1	114.96			No cost lease from U. S. Army Corps of Engineers (50 year term)
			3	3.71	124.81	$ 56,000	Property was a live Christmas tree farm.
CASPERS	2-08-74	Resolution 74-190	1	5,499.82	5,499.82	$4,400,000	$1.5 million down with five annual installments of $688,448.40
CRAIG	11-19-68	Resolution 68-1268	2.01	32.98		$ 760,000	Title passed 10-23-69.
	10-24-72	Resolution 72-1210	5	92.28	125.26		A 25 year lease.
FAIRVIEW	2-27-73	Resolution 73-193	1.01	257.46	257.46	$3,467,500	Purchased at 50% of fair market value pursuant Government Code Sec. 11011.1, payable at 5 1/2% interest in a $290,157 annual installment for 20 years.

LML:rm952b(1)

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
HARBORS, BEACHES AND PARKS DISTRICT
REGIONAL PARK ACQUISITION HISTORY
August 1, 1977

SITE	DATE	BOARD OF SUPERVISORS AUTHORIZATION	PARCEL NO.	ACREAGE ITEM	ACREAGE TOTAL	COST	COMMENTS
FEATHERLY	2-01-67	Resolution 67-108	1.02	168.79		$ 625,000	Land exchange with State
		Minute Order	2.01	57.00		114,000	Division Highway pending.
					225.79	$ 739,000	
IRVINE	10-05-1897	Minutes	101	160.12		Gift ($1.00)	Entire park donated by
	12-02-47	Resolution	no record	.08		Gift	James B. & Myford Irvine,
	3-21-50	Resolution	102	5.18		Gift	1897 through 1958.
	5-14-58	Resolution	103	20.27			
				185.65			
	5-31-69	Resolution 69-501	201.01	172.31			
			201.1	2.35			
			201.2	2.92		$ 1,046,391	Includes $10,000 option fee
				177.58			
	12-21-71	Resolution 71-1456	201.3	114.04		$ 338,200	
					477.27	$ 1,384,591	
KEY RANCH	UNDER ACQUISITION						
LAGUNA NIGUEL	6-03-70	RESOLUTION 70-604	2,3	109.23		Gift	Gift of Laguna Niguel Corp.
		RESOLUTION 70-603	1.1,1.01	45.88		$ 638,950	Joint Flood Control District and HBP time purchase. Lease purchase @$25,558 per yr. for 25 years.
					155.11		
LOS COYOTES	9-25-74	Resolution 74-799	1.02,1.12 and 1.22	83.58		$1,245,502.14	Funds: $499,341 Rev. Sharing, $741,161.14 HBP. Purchased from State.
					83.58		
LOWER SANTIAGO CREEK	10-22-74	Resolution 74-1564	1.01,1.1 1702.1 + 1702.01	48.88 (plus 12.77 FCD)		$ 560,000	Rinker property acquisition. Payment divided: H,B&P 83.7% = $468,720 FCD 16.3% = $ 91,280.
	12-14-76	Resolution 76-1809	15	30.00		$1,593,000	
	4-14-76	Resolution 76-508	3	26.8		$ 379,000	Blome property acquisition.
	6-18-74	Resolution 74-53	1701	5.79		$ 26,670	(5.79 acres acquired by O.C.F.C.D.)
	3- 1-77	Resolution 77-327	1601	30.15		$ 226,125	
					154.39	$2,784,795	

LML:rm952b(2)

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
HARBORS, BEACHES AND PARKS DISTRICT
REGIONAL PARK ACQUISITION HISTORY
August 1, 1977

SITE	DATE	BOARD OF SUPERVISORS AUTHORIZATION	PARCEL NO.	ACREAGE ITEM	ACREAGE TOTAL	COST	COMMENTS
MASON	12-16-69	Minute Order	101+102	336		Gift ($5,500 in survey fees)	Gift of Irvine Co. The gift agreement limits type of recreational development, sets a minimum development schedule.
		Resolution 75-1236	101.1	7.43		Gift	The land is commonly called the "interface area" as it is intended to enable the park to interface with the Irvine Town Center. In addition to the land donation, the Irvine Co. also contributed $425,000 for development of the area.
					343.43		
MILE SQUARE							
	3-28-73	Execute Quitclaim Deed	3	495.59		Gift (Approximately $126,000 in annual rent paid until gift realized).	A gift of the Federal gov't for park purposes under Public Law 91. Acquisition cost shown represents approx. total lease payments for period of 3/67-3/73.
	7-20-76	Res. No. 76-1082	5	137.26			License agreement to permit recreational use of center airfield area, originally for a 1 year term through 4-21-75, now for 5 yrs through 4-21-81. (Revokeable at any time)
					632.85		

LML:rm952b(3)

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
HARBORS, BEACHES AND PARKS DISTRICT
REGIONAL PARK ACQUISITION HISTORY
August 1, 1977

SITE	DATE	BOARD OF SUPERVISORS AUTHORIZATION	PARCEL NO.	ACREAGE ITEM	ACREAGE TOTAL	COST	COMMENTS
MONTANEZ ADOBE	UNDER ACQUISITION						
NIXON	10-10-72	Resolution F72-69	5,5.1 5.2	90		Land Exchange	Flood Control District Acquisition of dam & retention basin behind Yorba Reservoir which may sometime in future be augmented by purchase of other lands.
					90		
O'NEILL	3-02-48	Resolution	101	254.10		Gift ($100)	Donated by the O'Neill family.
	4-23-63	Resolution 63-495	102	130.62		Gift	
	3-26-74	Resolution 74-399	301	231.96		$20,806.21	Vedanta Society acquisition at less than market value; Acquisition agreement restricts use of land to day use and no public vehicle access.
	8-26-75	Resolution 75-1197	203	13.04		$ 15,000	Vedanta Society property acquired under same terms as above.
	9-17-74	Resolution 74-1339	202	20.34		$117,600	McIntosh property acquired at fair market value.
	9-17-74	Resolution 74-1339	201	7.04		$ 75,200	Hoffman property. House located on property. Fair market value purchase.
					657.10		
PERALTA ADOBE	4-21-76	Resolution 76-547	2.01	0.24		$228,606.21	
		Resolution 76-547	2.1	0.14			
LML:rm952b(4)					0.245	$ 30,000	

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
HARBORS, BEACHES AND PARKS DISTRICT
REGIONAL PARK ACQUISITION HISTORY
August 1, 1977

SITE	DATE	BOARD OF SUPERVISORS AUTHORIZATION	PARCEL NO.	ACREAGE ITEM	ACREAGE TOTAL	COST	COMMENTS
SERRANO HISTORICAL VILLAGE						0	Originally dedicated as part of Serrano Creek Community Park.
SUNSET AQUATIC	5-07-62	Resolution 62-702	1	63.30		$ 558,000	1/2 of appraised value later quitclaimed to Harbor Dist. by Res. 63-592
	12-24-68	Resolution 68-1429	13	31.40			49 yr. lease of State Tidelands. State receives any "profit" over & above improvement & operating cost.
					94.70	$ 558,000	
TALBERT REGIONAL PARK	5-17-77	Resolution 77-818 (FCD,D03-229)	101	116.17 20.85		$1,831,350 263,250	Purchased at $15,000 per acre, which is $2,000-$5,000 below fair market value. 20 acres funded by Flood Control, 116 acres funded by HBPD.
					137.02	$2,094,606	
YORBA CEMETERY	2-21-67	Resolution 67-169	101	0.92	0.92		A historic site donated to the County by Roman Catholic Archbishop of Los Angeles and quitclaimed to HBPD on 8-21-75.
YORBA PARK	6-20-72	Resolution 72-698	1.02,2.01,3.01, 4.01,5.01,6.01, 7.01,8.01,9.01	166.12	166.12	$ 3,649,500	3 way cost split, Flood Control 13.307% Road 18.604% and HBPD 68.089%.
	TOTALS				9225.38	$22,037,044.35	

LML:rm952b(5)

APPENDIX C

COUNTY OF ORANGE

LOCAL PARK INVENTORY

CSA	Park	Acreage Gross	Net	Developed	Undeveloped	Date Acquired
3	Casa Niguel	4.000	2.400		x	2-14-74
3	Crown Valley Community Park	47.902	16.000	Phase I in Construction	x	7-3-75 1-25-76(6 acres)
3	Hermosa	17.544	0.500	x		3-28-66
3	La Plata	5.110	2.000	x		2-26-69
3	Ridgeview	0.994	0.994		x	3-25-76
3	Sea View	9.545	3.000		x	12-31-74
3	Sulphur Creek	3.223	3.223		x	7-28-73
3	Yosemite Road	5.436	4.900		x	7-1-76
4	Iglesia	5.987	5.987		x	7-29-76
4	San Remo	1.822	1.5000	x		6-1-71
4	Santa Vittoria	2.999	2.999	x		5-5-72
5	Bent Tree	6.645	6.645		x	12-23-76
5	Peacock Hills Rest Stop Park	0.500	0.000		x	8-27-74
5	Gershon Place Mini-Park	0.280	0.280		x	1-11-77
6	Cherry Avenue	2.224	2.224		x	6-17-76
6	El Toro Community Park	75.000	75.000	10 acres Phase I	65 acres	6-2-73
6	Lake Forest Park	2.200	1.900		x	12-5-73
6	Mountain View	5.306	3.500	x		7-28-72
6	Rancho Serrano	5.000	5.000		x	8-27-76
6	Ranchwood	1.877	1.877	x		3-31-72
6	Serrano Creek Community Park	55.590	40.000		x	8-21-74

CSA	Park	Acreage				Date Acquired
		Gross	Net	Developed	Undeveloped	
6	Veeh Ranch	12.420	5.592		x	5-16-74
6	Village Pond	5.332	5.332		x	5-12-77
8	Beckenham	2.759	2.759		x	1-9-74
8	Costeau	3.674	3.674	x		2-9-72 7-17-75
8	Knotty Pine	3.851	3.851		x	6-13-73
8	MacKenzie	2.848	2.848	x		7-20-71
8	Stockport	3.994	3.994		x	1-10-74
9	Alicia	10.300	9.500		x	10-26-72
9	(Alisio Villa) Wilderness Glen	18.608	8.50	x		6-14-73
9	Aurora	8.933	3.480		x	10-8-74
9	Barcelona Hills	3.730	1.700		x	2-27-75
9	Castille	6.007	5.00		x	11-21-72
9	Christopher	2.795	2.795	x		10-7-71
9	Colinas	16.450	3.654		x	7-17-74
9	Cordova	14.730	4.680		x	11-13-75
9	Coronada	2.237	2.237	x		8-5-71
9	De Portola	2.453	1.200	x		10-29-71
9	El Dorado	4.936	2.000	x		8-4-77
9	Granada	3.878	3.500	x		10-13-72
9	La Mancha	5.228	1.620		x	11-20-75
9	Linda Vista	3.393	1.500	x		11-12-69
9	Loyola	5.082	1.700	x		11-13-74
9	Madrid Fore	2.660	1.850	x		4-16-74
9	O'Neill,Marguerite	3.481	3.481	x		5-18-67

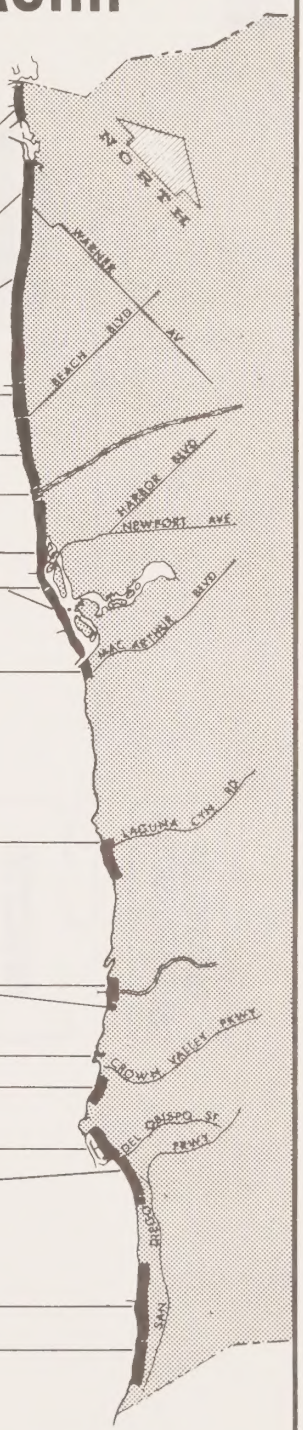
CSA	Park	Acreage Gross	Net	Developed	Undeveloped	Date Acquired
9	Oso Viejo	84.880	35.000		x	3-26-76
9	San Gabriel	11.985	0	x		9-25-73
9	Santa Lucia	4.639	0	x		10-25-73
9	Santa Maria	3.240	0.658	x		2-27-72
9	Seville	0.949	0.949	x		10-13-72
9	Val Yermo	1.949	1.949	x		9-28-71
9	Vista Del Lago	4.522			x	11-18-76
9	Wilderness Glen	55.429	28.936		x	9-12-75
12	Aegean Hills	0.522	0.522	x		5-4-70
12	Doria	2.235	2.235	x		8-29-73
12	Bart Spendlove	11.827	6.698		x	12-6-76
12	Sycamore	7.500	6.750		x	9-1-76
12	Turf Lane	1.580	1.580		x	12-4-75
16	South Laguna Village Green	0.500	0.500	x		8-9-74
21	Rossmoor C.P.	4.689 4.689	4.689 4.689	Under Construction		Leased 4-29-75
22	Woodgate	2.200	2.200	x		6-22-72

JH: jn172b(3)

ORANGE COUNTY COASTLINE OWNERSHIP

OWNERSHIP (MILES)

PRIVATE	PUBLIC			
	STATE	DISTRICT*	CITY	
			1.0	CITY OF SEAL BEACH
1.4				
		1.2		SUNSET BEACH
	5.7			BOLSA CHICA STATE BEACH
			1.1	CITY OF HUNTINGTON BEACH
	2.1			HUNTINGTON STATE BEACH
		0.2		SANTA ANA RIVER BEACH
			5.3	CITY OF NEWPORT BEACH
	0.2			14 TH STREET
	0.5			CORONA DEL MAR STATE BEACH
5.9				
			1.1	CITY OF LAGUNA BEACH
2.8				
		0.9		SOUTH LAGUNA BEACHES
2.4				
		0.1		THREE ARCH BAY BEACH
0.3		0.8		NIGUEL BEACH
1.2				
		1.3		DANA POINT HARBOR
	1.2			DOHENY STATE BEACH
1.8				
			2.0	CITY OF SAN CLEMENTE
	1.1			SAN CLEMENTE STATE BEACH
0.4				
16.2	10.8	4.5	10.5	

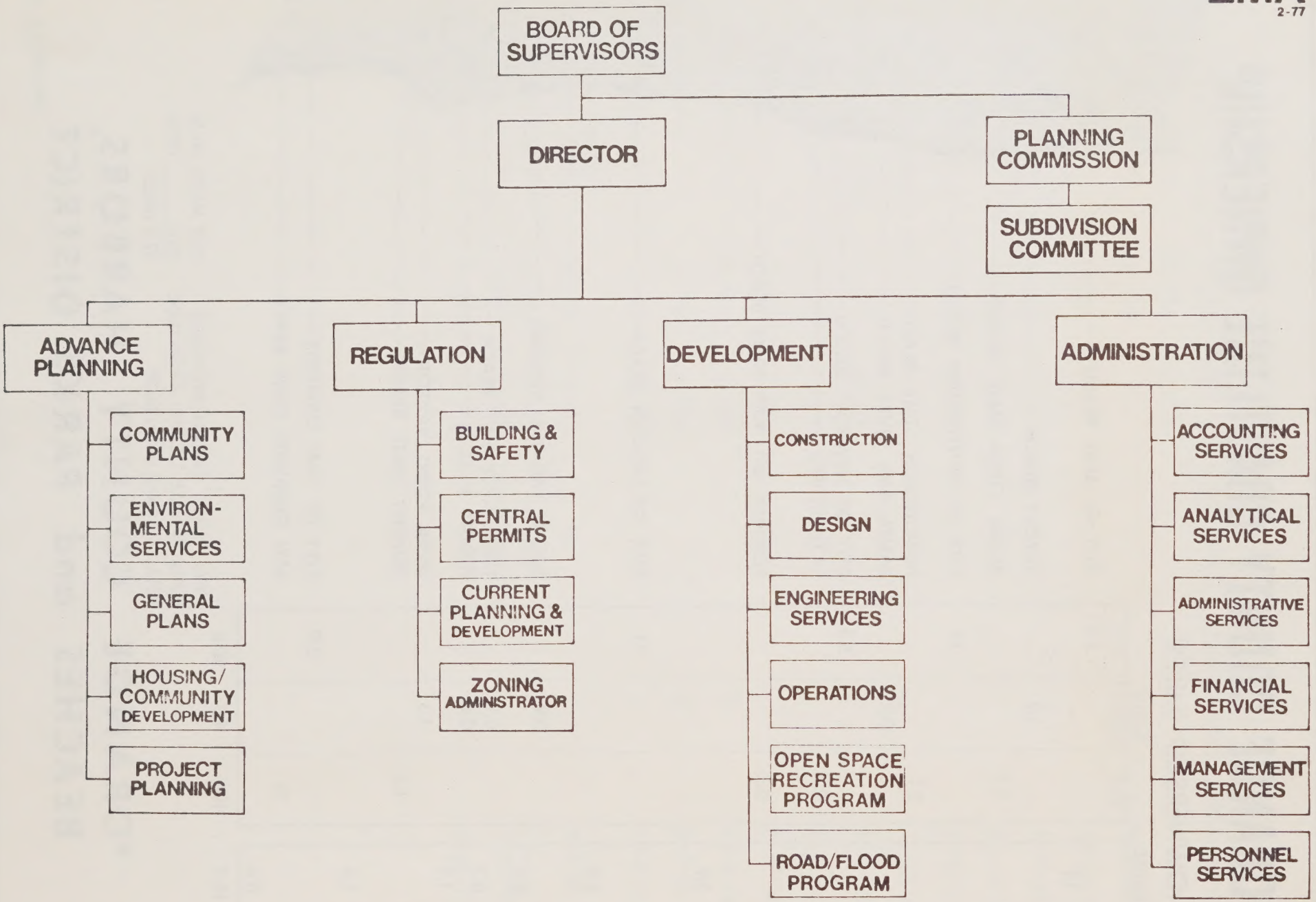


TOTAL PUBLIC OCEAN FRONTAGE	25.8 MILES	(61 %)
TOTAL PRIVATE OCEAN FRONTAGE	16.2	(39 %)
TOTAL OCEAN FRONTAGE	42.0 MILES	

*ORANGE COUNTY HARBORS, BEACHES and PARKS DISTRICT

JULY 1974

EMA
2-77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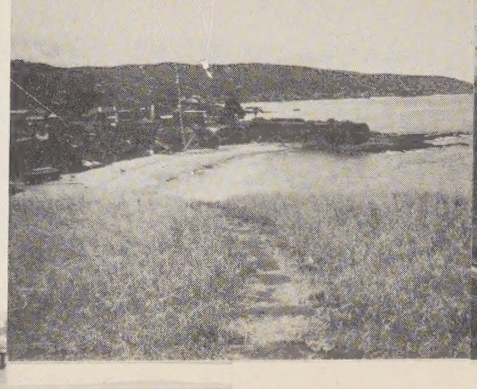

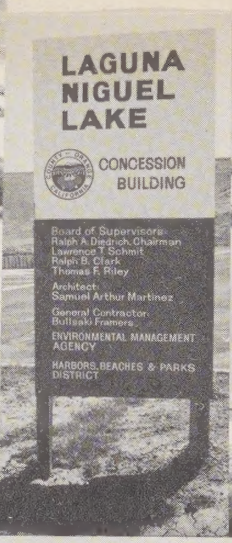
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NIGUEL
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Ralph B. Clark
Thomas F. Riley
Architect:
Samuel Arthur Martinez
General Contractor:
Bullaski Framers
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AGENCY
HARBORS, BEACHES & PARKS
DISTRICT